

AD-A128 113 FORT CAMPBELL CAMPBELL AAF KENTUCKY REVISED UNIFORM
SUMMARY OF SURFACE WE..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. DEC 82
UNCLASSIFIED USAFETAC/DS-82/063 SBI-AD-E850 364 F/G 4/2

AD-A128 113 FORT CAMPBELL CAMPBELL AAF KENTUCKY REVISED UNIFORM
SUMMARY OF SURFACE WE..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. DEC 82
UNCLASSIFIED USAFETAC/DS-82/063 SBI-AD-E850 364 F/G 4/2

AD-A128 113 FORT CAMPBELL CAMPBELL AAF KENTUCKY REVISED UNIFORM
SUMMARY OF SURFACE WE..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. DEC 82
UNCLASSIFIED USAFETAC/DS-82/063 SBI-AD-E850 364 F/G 4/2

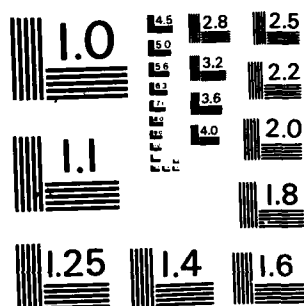
UNCLASSIFIED USAFETAC/DS-82/063 SBI-AD-E850 384 F/G 4/2

UNCLASSIFIED USAFETAC/DS-82/063 SBI-AD-E850 384 F/G 4/2

UNCLASSIFIED USAFETAC/DS-82/063 SBI-AD-E850 384 F/G 4/2

UNCLASSIFIED USAFETAC/DS-82/063 SBI-AD-E850 384 F/G 4/2

[illegible]



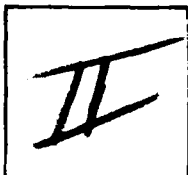
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PHOTOGRAPH THIS SHEET

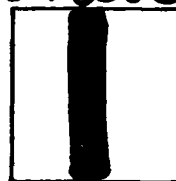
AD E850 364

ADA 128113

DTIC ACCESSION NUMBER



LEVEL



INVENTORY

USAFETAC/DS-82/063

DOCUMENT IDENTIFICATION

Dec'82

DISTRIBUTION STATEMENT A

Approved for public release;
Distribution Unlimited

DISTRIBUTION STATEMENT

| | |
|--------------------|----------------------|
| ACCESSION FOR | |
| NTIS | GRA&I |
| DTIC | TAB |
| UNANNOUNCED | |
| JUSTIFICATION | |
| BY | |
| DISTRIBUTION / | |
| AVAILABILITY CODES | |
| DIST | AVAIL AND/OR SPECIAL |
| A | |

DISTRIBUTION STAMP

| | |
|------------|---|
| DTIC | |
| ELECTE | |
| S | D |
| MAY 9 1983 | |
| D | |

DATE ACCESSIONED

83 05 06 -212

DATE RECEIVED IN DTIC

PHOTOGRAPH THIS SHEET AND RETURN TO DTIC-DDA-2

ADA128113

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

FT CAMPBELL KY/CAMPBELL AAF
N 36 40 W 087 30 FLD ELEV 572 FT MOP

MCC #746710

PARTS A-F

POR FROM HOURLY OBS: JAN 73 - DEC 81

POR FROM DAILY OBS: JUL 43 - OCT 45, JUN 50 - DEC 81

TIME CONVERSION GMT TO LST: -6

DEC 27 1982

FEDERAL BUILDING
" THIS DOCUMENT HAS BEEN APPROVED
FOR PUBLIC RELEASE AND SALE; ITS
DISTRIBUTION IS UNLIMITED. "

REVIEW AND APPROVAL STATEMENT

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

Wayne E. McCollom

WAYNE E. MCCOLLUM
Chief, Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter S. Burmann

WALTER S. BURGMANN
AWS Scientific and Technical
Information Officer (STINFO)

CC 13 00 31

UNCLASSIFIED **ADE 850-364** US KY 746710
 SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

| REPORT DOCUMENTATION PAGE | | READ INSTRUCTIONS BEFORE COMPLETING FORM | | | | | | | | | | | | | | | |
|--|-----------------------|--|---------|--------------------|----------------------|----------|--------------------|-----------------------|-------------|--------------------|-----------------------|---------------|---------------------|---------------------------|-------------------|----------------------|--------|
| 1. REPORT NUMBER USAFETAC/DS 82/063 | 2. GOVT ACCESSION NO. | 3. RECIPIENT'S CATALOG NUMBER | | | | | | | | | | | | | | | |
| 4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- FORT CAMPBELL, CAMPBELL AAF, KENTUCKY | | 5. TYPE OF REPORT & PERIOD COVERED Final rept | | | | | | | | | | | | | | | |
| 7. AUTHOR(s) | | 6. PERFORMING ORG. REPORT NUMBER | | | | | | | | | | | | | | | |
| 9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB, IL 62225 | | 8. CONTRACT OR GRANT NUMBER(s) | | | | | | | | | | | | | | | |
| 11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB, IL 62225 | | 10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS | | | | | | | | | | | | | | | |
| 14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office) | | 12. REPORT DATE DEC 82 | | | | | | | | | | | | | | | |
| | | 13. NUMBER OF PAGES | | | | | | | | | | | | | | | |
| | | 15. SECURITY CLASS. (of this report) UNCLASSIFIED | | | | | | | | | | | | | | | |
| | | 15a. DECLASSIFICATION DOWNGRADING SCHEDULE | | | | | | | | | | | | | | | |
| 16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited. | | | | | | | | | | | | | | | | | |
| 17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report) | | | | | | | | | | | | | | | | | |
| 18. SUPPLEMENTARY NOTES | | | | | | | | | | | | | | | | | |
| 19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface wi.ds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table> | | | *RUSSWO | Daily temperatures | Atmospheric pressure | Snowfall | Extreme snow depth | Extreme surface wi.ds | Climatology | Sea-level pressure | Psychrometric summary | Surface Winds | Extreme temperature | Ceiling versus visibility | Relative Humidity | *Climatological data | (over) |
| *RUSSWO | Daily temperatures | Atmospheric pressure | | | | | | | | | | | | | | | |
| Snowfall | Extreme snow depth | Extreme surface wi.ds | | | | | | | | | | | | | | | |
| Climatology | Sea-level pressure | Psychrometric summary | | | | | | | | | | | | | | | |
| Surface Winds | Extreme temperature | Ceiling versus visibility | | | | | | | | | | | | | | | |
| Relative Humidity | *Climatological data | (over) | | | | | | | | | | | | | | | |
| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for FORT CAMPBELL, CAMPBELL AAF, KENTUCKY It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric (over) | | | | | | | | | | | | | | | | | |

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

UNCLASSIFIED
 SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*KENTUCKY

*FORT CAMPBELL
*CAMPBELL AAF

20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurring tables.

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

U.S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are recorded on forms prepared on pre-printed paper and are recorded on forms prepared on pre-printed paper.

DAILY OBSERVATIONS

Daily observations are recorded on forms prepared on pre-printed paper and are recorded on forms prepared on pre-printed paper.

DESCRIPTION OF SUMMARIES

The following section is a brief description of the data contained in each part of the summary. The summary is divided into six parts: (1) Weather Conditions, (2) Precipitation, (3) Surface Winds, (4) Ceiling Versus Visibility, (5) Daily Max, Min, & Mean Temp, and (6) Station Pressure.

The following section is a brief description of the data contained in each part of the summary.

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0059, 0100-0159, 0200-0259, 0300-0359, 0400-0459, 0500-0559, 0600-0659, 0700-0759, 0800-0859, 0900-0959, 1000-1059, 1100-1159, 1200-1259, 1300-1359, 1400-1459, 1500-1559, 1600-1659, 1700-1759, 1800-1859, 1900-1959, 2000-2059, 2100-2159, 2200-2259, 2300-2359.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

| | | | |
|----------------|-------------|-----------------|----------------|
| JANUARY _____ | APRIL _____ | JULY _____ | OCTOBER _____ |
| FEBRUARY _____ | MAY _____ | AUGUST _____ | NOVEMBER _____ |
| MARCH _____ | JUNE _____ | SEPTEMBER _____ | DECEMBER _____ |

| STATION NO ON SUMMARY | STATION NAME | LATITUDE | LONGITUDE | FIELD ELEV. (FT.) | CALL SIGN | WFO NUMBER |
|-----------------------|-------------------------------|----------|-----------|-------------------|-----------|------------|
| 746710 | FORT CAMPBELL KY/CAMPBELL AAF | N 36 40 | W 087 30 | 572 | HOP | 74671 |

STATION LOCATION AND INSTRUMENTATION HISTORY

| NUMBER OF LOCATION | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | AT THIS LOCATION | | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL | | OBS PER DAY |
|--------------------|------------------------------|-----------------|------------------|--------|----------|-----------|---------------------|-----------|-------------|
| | | | FROM | TO | | | FIELD (FT) | MT. BARD. | |
| 1 | Campbell Army Afd Kentucky | AAF | Jul 43 | Oct 45 | W 36 40 | W 087 29 | 557 | 561 | 24 |
| 2 | Campbell AFB Kentucky | AFB | Apr 50 | Apr 50 | Same | Same | 559 | 559 | 24 |
| 3 | Same | Same | Jun 50 | Feb 53 | Same | W 087 30 | Same | Same | 24 |
| 4 | Same | Same | Mar 53 | Mar 55 | Same | Same | Same | 567 | 24 |
| 5 | Same | Same | Apr 55 | Dec 58 | Same | Same | Same | Same | 24 |
| 6 | Ft. Campbell AAF, Kentucky | AAF | Jan 59 | Feb 60 | Same | Same | Same | Same | 24 |
| 7 | Same | Same | Mar 60 | Feb 62 | Same | Same | 571 | 581 | 24 |
| 8 | Same | Same | Mar 62 | Oct 64 | Same | Same | Same | Same | 24 |
| 9 | Same | Same | Nov 64 | Dec 72 | Same | Same | Same | 566 | 24 |
| 10 | Same | Same | Jan 73 | Dec 78 | Same | Same | Same | Same | 24 |
| 11 | Same | Same | Jan 79 | Aug 82 | Same | Same | 572 | 567 | 24 |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|--------------------|----------------|--|---------------------|------------------|-----------------|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 1 | Jul 43 | Not available. | Selsyn | MI-144 | N/A | |
| 2 | Apr 50 | Located on control tower. | AN/GMQ-1 | MI-204 | 92 ft | |
| 3 | Mar 53 | Located on Control Tower, adjacent to Operations Bldg. | Same | Same | Same | |
| 4 | Apr 55 | Same | Same | Same | 107 ft | |
| 5 | Jul 55 | Located 750 ft from center of Rnwy 22. | AN/GMQ-11 | RO-2 | 13 ft | |
| 6 | Mar 60 | Located 100 ft NW of runway 04/22 about mid point from each end. | Same | Same | Same | |
| 7 | Mar 61 | Located 700 ft from runway 04/22. | Same | Same | Same | |
| 8 | Mar 62 | Located 2800 ft NNW of weather stn. | Same | Same | 12 ft | |
| 9 | Mar 64 | Located 800 ft NW of rnwy 22 about 4400 ft from end of rnwy 22. | Same | Same | 13 ft | |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|--------------------------|----------------------|---|------------------------|---------------------|---------------------|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT. ABOVE GROUND | |
| 10 | May 64 | Located 500 ft NW of centerline at the end of runway 22. | Same | Same | Same | |
| 11 | Mar 65 | Located 500 ft NW of centerline even with approach end of runway 22. | Same | Same | Same | |
| 12 | Oct 70 | Located 575 ft SE of centerline, 800 ft from approach end of runway 22. | Same | Same | Same | |
| 13 | Jan 71 | Same | AN/GMO-20 | RO-362 | 13 ft | |
| 14 | Dec 78 | Same | Same | Same | Same | |
| 15 | Aug 82 | Same | Same | Same | Same | |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

but is included in

the observations when
of obstruction may be
percentage total
struction to vision
need not reflect the

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

74671 FT CAMPBELL KY

73-81

JAN
MONTH

STATION

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS LST | THUNDER STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|--------------|-------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| JAN | 00-02 | .7 | 9.3 | 2.0 | 8.4 | | 18.5 | 22.7 | 8.2 | 1.4 | | 28.4 | 837 |
| | 03-05 | .7 | 12.2 | 1.8 | 9.3 | | 22.8 | 26.2 | 7.7 | 1.3 | | 31.2 | 837 |
| | 06-08 | .4 | 10.8 | 1.9 | 9.6 | | 21.6 | 30.2 | 9.9 | 1.6 | | 37.3 | 837 |
| | 09-11 | | 9.4 | .7 | 11.7 | | 20.8 | 25.6 | 13.4 | 1.6 | | 36.2 | 837 |
| | 12-14 | .4 | 8.4 | 1.1 | 9.8 | | 18.9 | 20.4 | 12.5 | 1.2 | | 31.1 | 837 |
| | 15-17 | .2 | 9.6 | 1.4 | 8.8 | | 19.3 | 17.0 | 12.2 | .6 | | 27.4 | 837 |
| | 18-20 | .4 | 9.2 | 1.1 | 7.4 | | 17.6 | 18.3 | 9.7 | 1.0 | | 25.4 | 837 |
| | 21-23 | .7 | 8.4 | 1.3 | 7.3 | | 16.2 | 21.0 | 8.1 | .7 | | 25.3 | 837 |
| TOTALS | | .4 | 9.7 | 1.4 | 9.0 | | 19.4 | 22.7 | 10.1 | 1.2 | | 30.3 | 6696 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

746717
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS LST | THUNDER STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|--------------|-------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| FEB | 00-02 | .9 | 9.7 | .3 | 7.0 | | 16.8 | 16.0 | 10.8 | .4 | .4 | 24.1 | 762 |
| | 03-05 | 1.2 | 9.4 | .8 | 7.9 | | 17.5 | 18.2 | 11.3 | | | 26.0 | 762 |
| | 06-08 | .3 | 9.2 | .3 | 6.6 | | 16.0 | 21.9 | 17.5 | .8 | | 34.9 | 762 |
| | 09-11 | .7 | 8.1 | .1 | 7.9 | .3 | 15.9 | 16.3 | 22.6 | .8 | .3 | 36.0 | 762 |
| | 12-14 | .8 | 6.6 | | 6.3 | .1 | 12.6 | 10.6 | 18.6 | .5 | .4 | 27.3 | 762 |
| | 15-17 | .7 | 7.6 | .1 | 6.3 | | 14.0 | 9.8 | 18.6 | .1 | .4 | 27.6 | 762 |
| | 18-20 | .7 | 8.8 | .1 | 5.5 | | 14.2 | 11.8 | 17.6 | | .8 | 27.4 | 762 |
| | 21-23 | .7 | 7.7 | .1 | 7.5 | | 15.1 | 13.6 | 13.4 | .1 | .7 | 24.8 | 762 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .8 | 8.4 | .2 | 6.9 | .1 | 15.3 | 14.8 | 16.3 | .3 | .4 | 28.5 | 6096 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS LST | THUNDER- STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|--------------|--------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| MAR | 00-02 | 1.3 | 14.6 | | 1.0 | | 15.5 | 17.9 | 5.7 | | | 21.1 | 837 |
| | 03-05 | 3.2 | 14.0 | | 1.8 | | 15.7 | 20.1 | 8.4 | | | 24.3 | 837 |
| | 06-08 | 1.6 | 14.1 | .1 | 3.1 | .1 | 16.8 | 24.0 | 15.5 | | | 33.6 | 837 |
| | 09-11 | 1.2 | 9.9 | | 3.2 | | 12.8 | 14.3 | 15.8 | .2 | | 27.0 | 837 |
| | 12-14 | .8 | 10.6 | | 2.2 | | 12.7 | 10.3 | 11.9 | .4 | | 20.7 | 837 |
| | 15-17 | 1.1 | 11.9 | | 1.1 | | 13.0 | 9.2 | 10.5 | .4 | | 18.4 | 837 |
| | 18-20 | 1.8 | 15.2 | .4 | 1.4 | | 16.2 | 11.0 | 10.9 | .4 | .2 | 20.5 | 837 |
| | 21-23 | 2.6 | 13.5 | .1 | 1.0 | | 14.6 | 13.7 | 6.5 | .1 | .2 | 18.4 | 837 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.7 | 13.0 | .1 | 1.9 | .0 | 14.7 | 15.1 | 10.7 | .2 | .1 | 23.0 | 6696 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

746710
STATION

FT CAMPBELL KY

STATION NAME

73-81

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS LST | THUNDER STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|--------------|-------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| APR | 00-02 | 3.2 | 10.2 | | .1 | | 10.4 | 10.9 | 5.1 | | | 14.8 | 810 |
| | 03-05 | 2.8 | 12.7 | | .5 | | 13.2 | 17.4 | 5.2 | | | 20.9 | 810 |
| | 06-08 | .9 | 11.9 | | .5 | | 12.3 | 18.1 | 13.5 | | | 27.7 | 810 |
| | 09-11 | .7 | 8.5 | | .5 | | 9.0 | 8.4 | 12.3 | | | 20.2 | 810 |
| | 12-14 | 1.1 | 11.6 | | .4 | | 12.0 | 5.7 | 10.5 | | | 15.2 | 810 |
| | 15-17 | 2.8 | 10.0 | | .5 | .1 | 10.5 | 4.1 | 9.4 | | .1 | 12.7 | 810 |
| | 18-20 | 1.9 | 11.0 | | .1 | | 11.0 | 6.9 | 7.2 | | .4 | 13.3 | 810 |
| | 21-23 | 2.0 | 10.1 | | .1 | | 10.2 | 8.3 | 6.8 | | | 14.2 | 810 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.9 | 10.8 | | .3 | .0 | 11.1 | 10.0 | 8.8 | | .1 | 17.4 | 6480 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

746710

FT CAMPBELL KY

73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS LST | THUNDER- STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|--------------|--------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| MAY | 00-02 | 1.3 | 7.4 | | | | 7.4 | 28.2 | 16.8 | | | 36.9 | 837 |
| | 03-05 | 2.2 | 10.3 | | | | 10.3 | 41.0 | 19.1 | | | 47.2 | 837 |
| | 06-08 | 1.3 | 10.5 | | | | 10.5 | 31.4 | 30.8 | | | 51.4 | 837 |
| | 09-11 | 1.0 | 9.0 | | | | 9.0 | 10.2 | 28.0 | | | 35.8 | 837 |
| | 12-14 | 2.4 | 11.8 | | | | 11.8 | 5.1 | 22.1 | | | 27.0 | 837 |
| | 15-17 | 3.1 | 9.1 | | | | 9.1 | 5.6 | 18.2 | | | 23.1 | 837 |
| | 18-20 | 4.9 | 12.4 | | | | 12.4 | 8.7 | 17.8 | | | 24.9 | 837 |
| | 21-23 | 3.1 | 8.6 | | | | 8.6 | 16.5 | 17.3 | | | 28.7 | 837 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.4 | 9.9 | | | | 9.9 | 18.3 | 21.3 | | | 34.4 | 6696 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

746710
STATION

FT CAMPBELL KY

STATION NAME

73-81

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|----------------|-------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| JUN | 00-02 | 1.5 | 3.8 | | | | 3.8 | 20.5 | 24.4 | | | 35.9 | 810 |
| | 03-05 | 2.0 | 4.1 | | | | 4.1 | 36.3 | 26.7 | | | 49.4 | 810 |
| | 06-08 | 2.3 | 5.4 | | | | 5.4 | 23.2 | 39.8 | | | 52.1 | 810 |
| | 09-11 | .6 | 4.2 | | | | 4.2 | 4.2 | 30.6 | | | 32.3 | 810 |
| | 12-14 | 1.7 | 3.7 | | | | 3.7 | 1.1 | 24.4 | | | 25.2 | 810 |
| | 15-17 | 6.8 | 6.7 | | | | 6.7 | 1.9 | 25.2 | | | 26.8 | 810 |
| | 18-20 | 5.4 | 8.1 | | | | 8.1 | 4.6 | 27.3 | | | 37.5 | 810 |
| | 21-23 | 2.6 | 5.3 | | | | 5.3 | 7.9 | 24.2 | | | 29.1 | 810 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.9 | 5.2 | | | | 5.2 | 12.5 | 27.8 | | | 35.2 | 6480 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

746710 FT CAMPBELL KY

73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER- STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|----------------|--------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| JUL | 00-02 | 2.0 | 4.3 | | | | 4.3 | 28.0 | 42.9 | | | 53.9 | 837 |
| | 03-05 | 2.2 | 5.1 | | | | 5.1 | 49.6 | 47.0 | | | 67.4 | 837 |
| | 06-08 | 2.2 | 5.9 | | | | 5.9 | 36.4 | 56.5 | | | 72.6 | 837 |
| | 09-11 | 1.4 | 3.6 | | | | 3.6 | 7.4 | 53.4 | | | 57.5 | 837 |
| | 12-14 | 4.3 | 6.6 | | | | 6.6 | 2.4 | 47.0 | | | 49.0 | 837 |
| | 15-17 | 6.1 | 3.9 | | | | 3.9 | 2.7 | 42.5 | | | 44.1 | 837 |
| | 18-20 | 5.3 | 5.4 | | | | 5.4 | 6.2 | 44.4 | | .1 | 47.7 | 837 |
| | 21-23 | 3.5 | 4.4 | | | | 4.4 | 14.1 | 44.2 | | | 48.6 | 837 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 3.4 | 4.9 | | | | 4.9 | 18.4 | 47.2 | | .0 | 55.1 | 6696 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

746710
STATION

FT CAMPBELL KY

STATION NAME

73-81

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER- STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|----------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| AUG | 00-02 | 1.0 | 4.1 | | | | 4.1 | 39.4 | 42.5 | | | 61.2 | 837 |
| | 03-05 | 1.2 | 3.7 | | | | 3.7 | 60.2 | 43.1 | | | 70.8 | 837 |
| | 06-08 | 1.7 | 6.1 | | | | 6.1 | 52.1 | 55.3 | | | 74.4 | 837 |
| | 09-11 | 1.2 | 4.9 | | | | 4.9 | 9.7 | 53.5 | | | 57.0 | 837 |
| | 12-14 | 3.0 | 4.8 | | | | 4.8 | 2.2 | 44.3 | | | 45.4 | 837 |
| | 15-17 | 4.8 | 6.5 | | | | 6.5 | 2.2 | 42.4 | | | 43.8 | 837 |
| | 18-20 | 4.7 | 4.9 | | | | 4.9 | 6.3 | 45.8 | | | 49.0 | 837 |
| | 21-23 | 3.1 | 4.8 | | | | 4.8 | 19.2 | 45.2 | | | 54.4 | 837 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.6 | 5.0 | | | | 5.0 | 23.9 | 46.5 | | | 57.0 | 6696 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

746710 FT CAMPBELL KY

73-81

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER- STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIR | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|----------------|--------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| SEP | 00-02 | 1.2 | 6.3 | | | | 6.3 | 38.0 | 37.5 | | | 57.8 | 810 |
| | 03-05 | 2.3 | 7.8 | | | | 7.8 | 51.7 | 36.7 | | | 64.7 | 810 |
| | 06-08 | 1.0 | 10.4 | | | | 10.4 | 54.3 | 45.8 | | | 73.1 | 810 |
| | 09-11 | .6 | 9.1 | | | | 9.1 | 14.2 | 49.3 | | | 58.3 | 810 |
| | 12-14 | 1.6 | 6.7 | | | | 6.7 | 6.0 | 36.3 | | | 41.5 | 810 |
| | 15-17 | 2.7 | 6.8 | | | | 6.8 | 5.7 | 32.3 | | | 37.5 | 810 |
| | 18-20 | 1.7 | 6.5 | | | | 6.5 | 11.0 | 33.5 | | | 40.9 | 810 |
| | 21-23 | 1.6 | 5.7 | | | | 5.7 | 21.2 | 35.7 | | | 48.0 | 810 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.6 | 7.4 | | | | 7.4 | 25.3 | 38.4 | | | 52.7 | 6480 |

WEATHER CONDITIONS

OCT
MONTH

[illegible]

WEATHER CONDITIONS

NOV
MONTH[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|----------------|-------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| DEC | 00-02 | .4 | 13.7 | .2 | 3.1 | | 16.8 | 17.9 | 3.7 | | | 20.4 | 937 |
| | 03-05 | .6 | 13.7 | .6 | 3.5 | | 17.2 | 21.0 | 3.2 | .2 | | 23.9 | 837 |
| | 06-08 | .2 | 13.5 | .5 | 3.9 | | 17.8 | 26.0 | 7.0 | | | 31.2 | 837 |
| | 09-11 | | 11.2 | .2 | 3.3 | | 14.8 | 21.6 | 12.2 | | | 31.5 | 837 |
| | 12-14 | .1 | 10.0 | .1 | 3.0 | | 13.0 | 16.1 | 10.9 | | | 25.8 | 837 |
| | 15-17 | | 9.6 | .1 | 2.5 | | 12.2 | 13.9 | 10.4 | | .2 | 23.7 | 837 |
| | 18-20 | .4 | 12.6 | .1 | 2.5 | | 15.2 | 14.3 | 7.0 | | | 20.1 | 834 |
| | 21-23 | .4 | 12.9 | .2 | 3.7 | | 16.1 | 17.4 | 5.4 | | | 20.6 | 834 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .3 | 12.2 | .3 | 3.2 | | 15.4 | 18.5 | 7.5 | .0 | .0 | 24.7 | 6690 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

746717
STATION

FT CAMPBELL KY
STATION NAME

73-81

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS LAST | THUNDER STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|---------------|-------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| JAN | ALL | .4 | 9.7 | 1.4 | 9.0 | | 19.4 | 22.7 | 10.1 | 1.2 | | 30.3 | 6696 |
| FEB | | .8 | 8.4 | .2 | 6.9 | .1 | 15.3 | 14.8 | 16.3 | .3 | .4 | 28.5 | 6796 |
| MAR | | 1.7 | 13.0 | .1 | 1.9 | .0 | 14.7 | 15.1 | 10.7 | .2 | .1 | 23.0 | 6696 |
| APR | | 1.9 | 10.8 | | .3 | .0 | 11.1 | 10.0 | 8.8 | | .1 | 17.4 | 6480 |
| MAY | | 2.4 | 9.9 | | | | 9.9 | 18.3 | 21.3 | | | 34.4 | 6696 |
| JUN | | 2.9 | 5.2 | | | | 5.2 | 12.5 | 27.8 | | | 35.2 | 6480 |
| JUL | | 3.4 | 4.9 | | | | 4.9 | 18.4 | 47.2 | | .0 | 55.1 | 6696 |
| AUG | | 2.6 | 5.0 | | | | 5.0 | 23.9 | 46.5 | | | 57.0 | 6696 |
| SEP | | 1.6 | 7.4 | | | | 7.4 | 25.3 | 38.4 | | | 52.7 | 6480 |
| OCT | | .5 | 7.0 | | | | 7.0 | 17.7 | 14.8 | | | 28.1 | 6696 |
| NOV | | .5 | 11.1 | .1 | 1.1 | | 12.2 | 18.5 | 12.5 | | | 28.0 | 6480 |
| DEC | | .3 | 12.2 | .3 | 3.2 | | 15.4 | 18.5 | 7.5 | .0 | .0 | 24.7 | 6690 |
| TOTALS | | 1.6 | 8.7 | .2 | 1.9 | .0 | 10.6 | 18.0 | 21.8 | .1 | .1 | 34.5 | 78882 |

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XX **WEATHER CONDITIONS** XXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

144710 FT CAMPBELL KY
STATION NAME

50-81

YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

| MONTH | HOURS TOT | THUNDER STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH PRECIP TO MIN | TOTAL NO. OF OBS |
|--------|--------------|-------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|-----------------------------------|------------------------|
| JAN | DAILY | 4.5 | 30.6 | 0.0 | 25.4 | .3 | 53.1 | 46.9 | 49.0 | 2.0 | | 13.0 | 941 |
| FEB | | 6.7 | 29.4 | 2.9 | 21.1 | .9 | 51.9 | 45.4 | 54.7 | 1.0 | .2 | 57.4 | 870 |
| MAR | | 13.1 | 40.6 | .8 | 12.1 | 1.1 | 52.1 | 41.0 | 51.0 | .5 | .1 | 64.0 | 951 |
| APR | | 19.5 | 49.7 | | 1.5 | 1.2 | 50.2 | 34.6 | 30.7 | | | 52.2 | 931 |
| MAY | | 22.9 | 40.6 | | | 1.2 | 45.6 | 52.5 | 47.1 | | | 44.0 | 951 |
| JUN | | 27.8 | 39.7 | | | .7 | 39.7 | 48.7 | 53.1 | | | 44.0 | 958 |
| JUL | | 32.7 | 41.9 | | | .4 | 41.9 | 40.4 | 41.6 | | .1 | 32.1 | 904 |
| AUG | | 25.0 | 35.7 | | | .3 | 35.7 | 43.3 | 68.0 | | | 35.7 | 991 |
| SEP | | 14.5 | 30.2 | | | | 35.2 | 40.9 | 62.0 | | | 30.3 | 987 |
| OCT | | 6.2 | 31.7 | | .2 | | 30.8 | 40.9 | 57.9 | | | 44.9 | 997 |
| NOV | | 6.3 | 37.9 | .4 | 7.9 | | 41.9 | 45.9 | 51.6 | .2 | | 45.5 | 961 |
| DEC | | 4.3 | 41.7 | 2.0 | 15.1 | .3 | 49.3 | 43.0 | 49.8 | .0 | .1 | 44.3 | 997 |
| TOTALS | | 15.3 | 40.2 | 1.1 | 7.0 | .5 | 43.9 | 49.5 | 53.7 | .5 | .1 | 46.6 | 11533 |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

| | | |
|-----------------------------|-------|--|
| EXTREME DAILY PRECIPITATION | ".00" | equals none for the month (hundredths) |
| EXTREME DAILY SNOWFALL | ".0" | equals none for the month (tenths) |
| EXTREME DAILY SNOW DEPTH | "0" | equals none for the month (whole inches) |

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

| | |
|---------------------|------------|
| Beginning thru 1945 | at 0800LST |
| Jan 46-May 57 | at 1230GMT |
| Jun 57-present | at 1200GMT |

U. S. Navy and National Weather Service (USWB)

| | |
|-----------------------|------------|
| Beginning thru Jun 52 | at 0030GMT |
| Jul 52-May 57 | at 1230GMT |
| Jun 57-present | at 1200GMT |

2

FEDERAL CLIMATOLOGY BRANCH
WAFETAC
AT WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

7467 STATION FT CAMPBELL KY 43-45, 50-81 YEARS

| AMOUNTS (INCHES) | | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO OF OBS | MONTHLY AMOUNTS (INCHES) | | |
|------------------|------|-------|-------|-------|-------|-------|-------|--------|---------|---------|----------|-----------|-----------|---|--------------------------|-----------------------------|----------|-------|
| PRECIP | NONE | TRACE | 01 | 02-05 | 06-10 | 11-25 | 26-50 | 51-100 | 101-250 | 251-500 | 501-1000 | 1001-2000 | OVER 2000 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 01-04 | 05-14 | 15-24 | 25-34 | 35-44 | 45-64 | 65-104 | 105-154 | 155-254 | 255-504 | OVER 504 | | | | | |
| SNOW DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 47.1 | 19.6 | 2.4 | 6.0 | 4.3 | 7.2 | 5.9 | 5.3 | 2.5 | .5 | .1 | | | 34.3 | 1021 | 4.22 | 10.09 | .55 |
| FEB | 46.5 | 18.6 | 1.6 | 4.7 | 4.4 | 7.1 | 6.1 | 7.3 | 3.2 | .4 | | | | 34.6 | 973 | 4.32 | 11.44 | 1.40 |
| MAR | 46.5 | 14.7 | 1.9 | 6.2 | 4.2 | 7.4 | 7.7 | 6.5 | 4.1 | .8 | | | | 36.8 | 1235 | 5.39 | 13.7 | 1.13 |
| APR | 49.5 | 14.6 | 0.3 | 5.2 | 3.2 | 7.9 | 6.7 | 7.6 | 2.7 | .5 | | | | 31.9 | 990 | 4.35 | 9.94 | 1.15 |
| MAY | 53.9 | 12.1 | 2.1 | 4.9 | 4.3 | 7.9 | 5.9 | 6.7 | 2.4 | .2 | .1 | | | 31.5 | 1023 | 4.21 | 9.70 | .61 |
| JUN | 60.7 | 9.9 | 2.6 | 4.6 | 3.6 | 6.3 | 4.3 | 5.2 | 2.9 | .3 | | | | 29.8 | 1116 | 3.39 | 6.78 | .62 |
| JUL | 59.9 | 11.3 | 2.0 | 4.1 | 1.9 | 7.9 | 5.4 | 5.4 | 3.7 | .2 | | | | 3.2 | 1171 | 3.92 | 9.47 | 1.6 |
| AUG | 64.4 | 11.1 | 1.2 | 3.5 | 2.3 | 6.0 | 3.8 | 4.4 | 2.9 | .4 | | | | 24.5 | 1185 | 3.54 | 6.50 | .23 |
| SEP | 63.9 | 11.1 | 1.7 | 4.2 | 3.4 | 5.2 | 3.9 | 5.7 | 2.7 | .5 | | | | 26.0 | 1050 | 3.15 | 10.22 | .23 |
| OCT | 69.7 | 9.3 | 2.2 | 4.7 | 2.1 | 3.1 | 4.1 | 3.3 | 1.9 | .1 | | | | 21.7 | 1066 | 2.36 | 7.46 | 24.1 |
| NOV | 58.3 | 11.7 | 2.4 | 4.7 | 3.5 | 4.2 | 6.6 | 5.7 | 3.4 | .1 | .1 | | | 3.7 | 1120 | 3.98 | 13.19 | .40 |
| DEC | 57.7 | 16.0 | 2.8 | 6.5 | 4.9 | 6.3 | 4.6 | 5.3 | 3.3 | .4 | | | | 34.0 | 1054 | 4.76 | 10.90 | .73 |
| ANNUAL | 55.6 | 13.1 | 2.1 | 4.9 | 3.5 | 6.4 | 5.4 | 5.6 | 2.9 | .3 | .7 | | | 31.2 | 12352 | 4.68 | | |

FEDERAL CLIMATOLOGY SERVICE
ETAC
WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

STATION FT CAMP ELL KY STATION NAME

43-45, 52-81

YEARS

24 HOUR AMOUNTS IN INCHES

| MONTH YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|---------------|
| 43 | | | | | | | .83 | 1.03 | .61 | .41 | 1.24 | .71 | |
| 44 | 1.17 | 2.19 | 1.32 | 1.02 | 2.04 | .31 | .72 | 2.02 | 1.52 | .41 | 2.01 | 2.71 | 1.00 |
| 45 | 1.00 | .84 | 1.76 | 1.03 | 1.42 | .94 | 2.51 | .47 | 2.53 | .8 | | | |
| 46 | | | | | | 1.52 | 1.27 | 2.27 | .89 | .39 | 1.12 | 1.06 | |
| 47 | 2.57 | 1.69 | .93 | 1.43 | .30 | 1.17 | 1.34 | .50 | 1.36 | 1.63 | 1.72 | 1.81 | 1.00 |
| 48 | .64 | .78 | 2.79 | .64 | 1.67 | .11 | .96 | 1.71 | 1.43 | 2.10 | 1.19 | 1.70 | 1.10 |
| 49 | .72 | 1.36 | 1.75 | 1.89 | 2.61 | .52 | 1.91 | .75 | .51 | .31 | .26 | .64 | 1.00 |
| 50 | 2.43 | 1.70 | 1.17 | .94 | .91 | 1.67 | .7 | .71 | 2.82 | .97 | .35 | 1.01 | 1.00 |
| 51 | .51 | 2.29 | 2.78 | .76 | 2.10 | 1.41 | .79 | 2.25 | 1.71 | 1.6 | .75 | 1.07 | 1.00 |
| 52 | 6.02 | 2.81 | 1.93 | 1.07 | .90 | .51 | .92 | 1.84 | .73 | .50 | .77 | 1.00 | 1.00 |
| 53 | 2.62 | 1.04 | .69 | 1.16 | 2.08 | 1.47 | 1.34 | 1.55 | .46 | 1.44 | 1.27 | 1.07 | 1.00 |
| 54 | .64 | .53 | .98 | .77 | .92 | .75 | 1.11 | 2.31 | 1.21 | .54 | 1.19 | 1.04 | 1.00 |
| 55 | 1.70 | 1.17 | 1.08 | .59 | .89 | .79 | 1.67 | 1.13 | .93 | .63 | 1.30 | 1.00 | 1.00 |
| 56 | 1.47 | 1.05 | .81 | .82 | .67 | 3.96 | 1.22 | .54 | 1.21 | .58 | 1.94 | 1.00 | 1.00 |
| 57 | .72 | 1.17 | .97 | .96 | 2.27 | 1.92 | .80 | 1.74 | .70 | 1.20 | 1.34 | 1.07 | 1.00 |
| 58 | 1.49 | 1.33 | 1.12 | 1.55 | .57 | 1.36 | 1.58 | .91 | .90 | 1.17 | .71 | 1.04 | 1.00 |
| 59 | .50 | .63 | 1.75 | 1.23 | .82 | .73 | 1.74 | 1.91 | .19 | TRAC | .55 | .7 | 1.00 |
| 60 | 1.40 | .76 | 3.84 | .77 | 1.09 | 1.75 | 1.47 | 2.64 | 1.33 | .96 | 1.61 | 2.71 | 1.00 |
| 61 | 2.53 | 2.98 | 1.65 | 1.01 | .59 | 1.70 | 1.60 | .36 | 1.42 | .73 | 1.91 | .84 | 1.00 |
| 62 | 2.31 | 2.11 | .72 | 1.77 | 1.27 | .68 | 1.37 | 1.35 | .72 | 1.08 | 1.03 | 1.76 | 1.00 |
| 63 | .73 | .71 | 2.02 | .84 | 5.64 | 1.31 | 2.94 | .4 | .96 | 1.10 | .91 | 1.00 | 1.00 |
| 64 | .71 | 1.09 | 1.77 | 3.84 | 1.32 | 1.13 | 3.68 | .14 | .69 | .66 | 1.38 | .27 | 1.00 |
| 65 | 1.43 | .89 | 1.17 | 2.91 | .84 | 1.35 | .75 | 1.96 | .52 | .83 | 1.93 | 1.43 | 1.00 |
| 66 | .43 | .96 | .74 | 2.00 | .76 | 2.85 | .31 | 1.33 | .37 | 1.55 | .65 | 1.34 | 1.00 |
| 67 | .54 | 2.58 | .50 | 1.37 | .69 | 1.49 | .73 | 2.57 | .87 | .86 | .73 | .63 | 1.00 |
| 68 | 2.10 | 1.43 | 1.11 | .72 | 2.62 | .51 | 1.99 | .65 | 1.23 | 1.24 | 1.40 | 2.00 | 1.00 |
| 69 | 1.27 | .85 | 1.44 | 1.71 | 1.87 | 2.11 | .56 | 1.13 | 1.4 | 1.11 | 1.99 | .7 | 1.00 |
| 70 | 3.11 | 1.22 | 1.01 | 1.45 | 1.48 | 1.31 | 1.69 | 1.51 | .90 | .9 | .47 | .65 | 1.00 |
| 71 | 2.72 | 2.14 | 3.51 | 1.27 | .90 | .6 | .44 | 2.65 | 1.16 | 1.37 | 1.40 | 1.00 | 1.00 |
| 72 | 1.74 | 1.69 | 2.79 | .11 | .91 | 1.67 | 1.63 | .19 | .72 | .61 | .72 | .61 | 1.00 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOT * (LEAST IN LINE THAN FULL MONTHS)

CLIMATE LOG BRANCH
ETAC
WEATHER SERVICE/MAC

EXTREME VALUES MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

STATION ST CAMPBELL KY STATION NAME

43-45, 51-61

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

| MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|------------|-------|-------|-------|------|------|------|------|------|------|------|-------|------|------------|
| YEAR | | | | | | | | | | | | | |
| 43 | | | | | | | 1.72 | 1.23 | 1.04 | .74 | 2.44 | 2.2 | |
| 44 | 1.34 | 4.11 | 5.34 | 4.59 | 3.61 | .81 | 2.30 | 2.82 | 5.12 | .45 | 4.70 | 5.15 | 46.6 |
| 45 | 4.62 | 4.77 | 5.4 | 4.31 | 5.38 | 3.33 | 3.47 | 1.76 | 4.74 | 1.43 | | | |
| 46 | | | | | | 4.23 | 6.57 | 7.75 | 3.54 | .72 | 4.36 | 3.23 | |
| 47 | 10.12 | 4.03 | 5.22 | 4.13 | .61 | 6.03 | 3.44 | 1.77 | 3.97 | 2.28 | 6.56 | 5.17 | 70.7 |
| 48 | 4.33 | 2.52 | 7.32 | 1.42 | 3.62 | .32 | 2.31 | 2.54 | 1.31 | 2.92 | 2.91 | 3.52 | 73.7 |
| 49 | 4.21 | 3.19 | 4.67 | 4.35 | 6.46 | 1.13 | 3.81 | 1.11 | .56 | .65 | .60 | 7.13 | 87.3 |
| 50 | 7.3 | 3.53 | 3.46 | 3.49 | 3.39 | 2.91 | 2.30 | 2.23 | 5.17 | 2.31 | .28 | 7.2 | 64.7 |
| 51 | 1.44 | 7.65 | 4.27 | 4.28 | 8.19 | 4.44 | 1.27 | 4.12 | 4.41 | 2.73 | .22 | 7.3 | 72.7 |
| 52 | 7.23 | 11.54 | 5.58 | 6.83 | 3.07 | 1.93 | 3.56 | 2.95 | .43 | 1.62 | 1.62 | 3.34 | 71.5 |
| 53 | 7.32 | 5.61 | 1.62 | 4.23 | 3.98 | 3.03 | 3.98 | 2.43 | 2.42 | 2.16 | 13.15 | 3 | 71.5 |
| 54 | 2.41 | 1.95 | 4.64 | 3.91 | 4.1 | 1.64 | 4.58 | 1.83 | 2.27 | .93 | 1.35 | 1.4 | 70.7 |
| 55 | 2.89 | 4.43 | 2.96 | 2.51 | 3.67 | 2.31 | 3.29 | 1.23 | 2.89 | 2.63 | 1.43 | 5.1 | 70.7 |
| 56 | 3.13 | 3.17 | 3.84 | 2.27 | 2.41 | 6.33 | 2.1 | .37 | 2.86 | 4.7 | 5.15 | 3.22 | 70.7 |
| 57 | 1.61 | 5.61 | 5.66 | 4.59 | 5.26 | 6.48 | 2.95 | 2.21 | .97 | 1.1 | 5.32 | 5.21 | 70.7 |
| 58 | 4.73 | 17.72 | 3.91 | 4.44 | 2.83 | 3.81 | 3.66 | 1.35 | 2.92 | 2.53 | 2.21 | 1.63 | 43.1 |
| 59 | 1.1 | 1.35 | 6.62 | 2.63 | 2.47 | 1.93 | 6.41 | 5.35 | .23 | TRAC | 2.64 | 5.21 | 41.4 |
| 60 | 4.15 | 2.04 | 2.65 | 3.86 | 2.49 | 1.94 | 3.24 | 1.72 | 2.11 | 1.15 | 4.31 | 1.71 | 67.35 |
| 61 | 4.23 | 5.88 | 5.57 | 4.31 | 1.66 | 5.24 | 5.9 | .64 | 3.88 | 1.43 | 2.9 | 1.1 | 42.78 |
| 62 | 5.47 | 4.73 | 1.13 | 7.55 | 3.93 | 1.44 | 4.24 | 1.54 | 3.13 | 2.11 | 2.64 | 5.74 | 47.4 |
| 63 | 1.93 | 2.15 | 4.21 | 3.84 | 9.73 | 3.45 | 2.47 | 1.45 | 1.92 | 2.46 | 3.24 | 5.06 | 49.41 |
| 64 | 2.13 | 1.11 | 8.12 | 6.47 | 9.38 | 2.14 | 6.33 | .45 | 2.56 | 1.52 | 4.54 | 2.7 | 47.7 |
| 65 | 5.05 | 7.28 | 2.43 | 8.56 | 2.29 | 4.73 | 2.83 | 4.68 | .27 | 7.47 | 7.24 | 6.21 | 50.7 |
| 66 | .85 | 3.25 | 3.83 | 5.78 | 2.76 | 6.00 | 1.06 | 2.43 | 1.14 | 7.48 | 2.19 | 2.82 | 41.58 |
| 67 | 1.93 | 7.12 | 2.36 | 2.25 | 3.63 | 5.03 | 3.78 | 2.55 | 4.02 | 2.11 | 1.77 | 2.24 | 44.6 |
| 68 | 7.11 | 7.98 | 5.52 | 3.66 | 3.82 | 1.73 | 7.89 | 1.84 | 3.77 | 4.86 | 5.72 | 7.28 | 50.27 |
| 69 | 3.63 | 7.11 | 7.97 | 6.49 | 5.63 | 4.35 | 3.73 | 2.16 | 2.35 | 2.94 | 4.81 | 3.13 | 63.19 |
| 70 | 8.03 | 2.56 | 4.78 | 4.86 | 7.92 | 5.91 | 5.54 | 1.66 | 4.82 | 1.44 | 2.63 | 7.8 | 53.7 |
| 71 | 5.19 | 4.80 | 12.57 | 7.63 | 2.91 | 2.03 | 1.14 | 4.92 | 3.85 | 3.14 | 3.75 | 1.1 | 73.4 |
| 72 | 4.53 | 3.27 | 6.41 | 1.15 | 5.28 | 1.44 | 5.59 | .69 | 2.33 | 2.63 | .22 | 2.2 | 70.4 |
| MEAN | | | | | | | | | | | | | |
| S D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTE: * BASED ON LESS THAN FULL MONTHS

EXTREME VALUES
MONTHLY - 1981

FROM DAILY OBSERVATIONS

| STATION | STATION NAME |
|---------|--------------|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 4 | 4 |
| 5 | 5 |
| 6 | 6 |
| 7 | 7 |
| 8 | 8 |
| 9 | 9 |
| 10 | 10 |
| 11 | 11 |
| 12 | 12 |
| 13 | 13 |
| 14 | 14 |
| 15 | 15 |
| 16 | 16 |
| 17 | 17 |
| 18 | 18 |
| 19 | 19 |
| 20 | 20 |
| 21 | 21 |
| 22 | 22 |
| 23 | 23 |
| 24 | 24 |
| 25 | 25 |
| 26 | 26 |
| 27 | 27 |
| 28 | 28 |
| 29 | 29 |
| 30 | 30 |
| 31 | 31 |
| 32 | 32 |
| 33 | 33 |
| 34 | 34 |
| 35 | 35 |
| 36 | 36 |
| 37 | 37 |
| 38 | 38 |
| 39 | 39 |
| 40 | 40 |
| 41 | 41 |
| 42 | 42 |
| 43 | 43 |
| 44 | 44 |
| 45 | 45 |
| 46 | 46 |
| 47 | 47 |
| 48 | 48 |
| 49 | 49 |
| 50 | 50 |
| 51 | 51 |
| 52 | 52 |
| 53 | 53 |
| 54 | 54 |
| 55 | 55 |
| 56 | 56 |
| 57 | 57 |
| 58 | 58 |
| 59 | 59 |
| 60 | 60 |
| 61 | 61 |
| 62 | 62 |
| 63 | 63 |
| 64 | 64 |
| 65 | 65 |
| 66 | 66 |
| 67 | 67 |
| 68 | 68 |
| 69 | 69 |
| 70 | 70 |
| 71 | 71 |
| 72 | 72 |
| 73 | 73 |
| 74 | 74 |
| 75 | 75 |
| 76 | 76 |
| 77 | 77 |
| 78 | 78 |
| 79 | 79 |
| 80 | 80 |
| 81 | 81 |
| 82 | 82 |
| 83 | 83 |
| 84 | 84 |
| 85 | 85 |
| 86 | 86 |
| 87 | 87 |
| 88 | 88 |
| 89 | 89 |
| 90 | 90 |
| 91 | 91 |
| 92 | 92 |
| 93 | 93 |
| 94 | 94 |
| 95 | 95 |
| 96 | 96 |
| 97 | 97 |
| 98 | 98 |
| 99 | 99 |
| 100 | 100 |

43-45, 5-81

YEARS:

TOTAL MONTHLY PRECIPITATION IN INCHES

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-86 5 (OLA)

2

CENTRAL CLIMATOLOGY BRANCH
AFSLTAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

7467 STATION 7467 FT CAMPBELL KY STATION NAME 50-31 YEARS

| PRECIP | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO OF OBS | MONTHLY AMOUNTS (INCHES) | | |
|---------------|------------------|-------|-------|-------|-------|-------|-------|--------|---------|---------|----------|-----------|-----------|---|--------------------------|-----------------------------|----------|-------|
| | NONE | TRACE | 01 | 02-05 | 06-10 | 11-25 | 26-50 | 51-100 | 101-250 | 251-500 | 501-1000 | 1001-2000 | OVER 2000 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 01-04 | 05-14 | 15-24 | 25-34 | 35-44 | 45-64 | 65-104 | 105-154 | 155-254 | 255-504 | OVER 504 | | | | | |
| SNOW DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 74.3 | 14.6 | 3.7 | 2.6 | 2.0 | .6 | .6 | .0 | | | | | | 9.5 | 956 | 4.8 | 15.8 | 18.0 |
| FEB | 78.4 | 13.5 | 2.4 | 2.9 | 1.5 | .8 | .2 | .1 | .7 | | | | | 8.1 | 876 | 3.3 | 18.8 | .0 |
| MAR | 28.1 | 7.7 | 1.8 | 1.0 | .7 | .1 | .2 | | .7 | .1 | | | | 4.2 | 961 | 2.2 | 24.7 | .0 |
| APR | 98.7 | .9 | .3 | | | .1 | | | | | | | | .4 | 930 | .1 | 3.0 | .0 |
| MAY | 100.1 | | | | | | | | | | | | | | 961 | .0 | .0 | .0 |
| JUN | 100.1 | | | | | | | | | | | | | | 956 | .0 | .0 | .0 |
| JUL | 100.1 | | | | | | | | | | | | | | 992 | .0 | .0 | .0 |
| AUG | 100.1 | | | | | | | | | | | | | | 992 | .0 | .0 | .0 |
| SEP | 100.1 | | | | | | | | | | | | | | 960 | .0 | .0 | .0 |
| OCT | 99.8 | .1 | | .1 | | | | | | | | | | .1 | 992 | TRACE | .6 | .0 |
| NOV | 92.5 | 5.4 | .3 | 1.3 | .2 | .1 | .1 | .1 | | | | | | 7.1 | 960 | .9 | 5.3 | .0 |
| DEC | 84.3 | 11.3 | 2.1 | 1.3 | .5 | .1 | .1 | | .3 | | | | | 4.4 | 992 | 1.7 | 9.1 | .0 |
| ANNUAL | 93.1 | 4.5 | .8 | .8 | .4 | .1 | .1 | .1 | .1 | .0 | | | | 2.4 | 1153 | 12.9 | | |

WEATHER CLIMATE LOG BRANCH
 ETAC
 WEATHER SERVICE/ETAC

EXTREME VALUES

INCHES

FROM DAILY OBSERVATIONS

STATION NAME
 FT CAMPBELL KY

5-51

YEARS

24 HOUR AMOUNTS IN INCHES

| MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|-----------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-------|-------|-------|------------|
| YEAR | | | | | | | | | | | | | |
| 61 | 0.9 | .9 | 1.2 | 3.1 | .1 | .1 | .1 | .1 | .1 | .1 | 1.0 | .1 | 2.1 |
| 62 | TRACE | .5 | TRACE | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1.7 | TRACE | 1.1 |
| 63 | .1 | TRACE | TRACE | TRACE | .1 | .1 | .1 | .1 | .1 | .1 | TRACE | .1 | 1.4 |
| 64 | 0.1 | TRACE | TRACE | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1.1 | .1 | 1.1 |
| 65 | 0.1 | 1.2 | TRACE | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1.1 | 1.1 |
| 66 | .1 | TRACE | .8 | TRACE | .1 | .1 | .1 | .1 | .1 | .1 | 4.1 | TRACE | 4.1 |
| 67 | .1 | .0 | TRACE | .1 | .1 | .1 | .1 | .1 | .1 | .1 | TRACE | .1 | .1 |
| 68 | 0.1 | 1.5 | 4.0 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1.0 | TRACE | 4.1 |
| 69 | TRACE | 1.0 | TRACE | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1.0 | TRACE | 1.1 |
| 70 | 0.1 | 3.3 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1.1 |
| 71 | 0.1 | 1.2 | TRACE | TRACE | .1 | .1 | .1 | .1 | .1 | .1 | TRACE | .1 | .1 |
| 72 | .1 | 1.5 | .7 | .2 | .1 | .1 | .1 | .1 | .1 | TRACE | .1 | .1 | .1 |
| 73 | 0.1 | 1.8 | .1 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | TRACE | .1 | 1.1 |
| 74 | 0.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | TRACE | .1 |
| 75 | 0.1 | 6.6 | 2.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | TRACE | .1 | 5.1 |
| 76 | 0.1 | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 |
| 77 | TRACE | 1.3 | 1.0 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | TRACE | .1 | .1 |
| 78 | 0.1 | .5 | 11.6 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | TRACE | TRACE | 11.1 |
| 79 | .1 | .7 | TRACE | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 |
| 80 | .1 | 2.3 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | TRACE | .1 | .1 |
| 81 | 0.1 | 7.0 | 2.0 | TRACE | .1 | .1 | .1 | .1 | .1 | .1 | 1.1 | TRACE | .1 |
| 82 | 0.1 | 1.2 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | TRACE | .1 | .1 |
| 83 | 0.1 | .4 | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 |
| 84 | .1 | .4 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | TRACE | .1 | .1 |
| 85 | .1 | .4 | 0.1 | TRACE | .1 | .1 | .1 | .1 | .1 | .1 | TRACE | .1 | .1 |
| 86 | .1 | 1.9 | TRACE | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1.7 | TRACE | .1 |
| 87 | 0.1 | TRACE | .1 | TRACE | .1 | .1 | .1 | .1 | .1 | .1 | TRACE | TRACE | .1 |
| 88 | 0.1 | 3.4 | .7 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | TRACE | .1 |
| 89 | 0.1 | 6.2 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | TRACE | .1 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

CLIMATE BUREAU - WASH
 STAG
 DATE OF OBSERVATION

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION CAMPBELL KY
 STATION NAME

2-11

YEARS

24 HOUR AMOUNTS IN INCHES

| MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|------------|------|------|-------|-------|-----|-----|-----|-----|-----|-----|-------|-------|------------|
| YEAR | | | | | | | | | | | | | |
| 1 | 5.1 | 2.9 | 2.1 | TRACE | .1 | .1 | .4 | .7 | .1 | .1 | TRACE | .1 | .1 |
| 2 | 5.1 | .6 | TRACE | .1 | .1 | .1 | .1 | .1 | .1 | .1 | TRACE | TRACE | .1 |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | |
| MEAN | 2.44 | 1.68 | 1.37 | .11 | .0 | .0 | .00 | .0 | .0 | .0 | .0 | .0 | .0 |
| S.D. | 1.44 | 1.95 | 2.62 | .54 | .0 | .0 | .03 | .00 | .0 | .0 | .0 | .0 | .0 |
| TOTAL OBS. | 93 | 87 | 65 | 23 | 6 | 95 | 29 | 99 | 76 | 69 | 15 | 10 | 10 |

NOTE * BASED ON LESS THAN FULL MONTHS

EXTREME VALUES

MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

STATION NAME STATION NUMBER YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

| MONTH YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---------------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|------|------|---------------|
| 1 | 1.1 | 5.6 | 2.5 | TRAC | 1 | 1 | 1 | 1 | 1 | 1 | TRAC | 1 | 1 |
| 2 | 1.1 | 1.1 | TRAC | 1 | 1 | 1 | 1 | 1 | 1 | 1 | TRAC | TRAC | 1 |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | |
| 37 | | | | | | | | | | | | | |
| 38 | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | |
| 52 | | | | | | | | | | | | | |
| 53 | | | | | | | | | | | | | |
| 54 | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | | |
| 57 | | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | | |
| 59 | | | | | | | | | | | | | |
| 60 | | | | | | | | | | | | | |
| 61 | | | | | | | | | | | | | |
| 62 | | | | | | | | | | | | | |
| 63 | | | | | | | | | | | | | |
| 64 | | | | | | | | | | | | | |
| 65 | | | | | | | | | | | | | |
| 66 | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | |
| MEAN | 4.1 | 7.5 | 2.5 | 1.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| SD | 4.3 | 4.9 | 4.5 | 4.1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| TOTAL OBS | 9 | 87 | 81 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

NOTE * (BASED ON 1.5 INCHES FULL MONTH)

2

NATIONAL METEOROLOGICAL SERVICE
 WEATHER SERVICE ZONE

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 (FROM DAILY OBSERVATIONS)

STATION NAME FT. CAMPBELL KY

93-45, 52-81

YEARS

| PRECIP | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO OF OBS | MONTHLY AMOUNTS (INCHES) | | |
|---------------|------------------|-------|-------|-------|-------|-------|-------|--------|---------|---------|----------|-----------|-----------|---|--------------------------|-----------------------------|----------|-------|
| | NONE | TRACE | 01 | 02-05 | 06-10 | 11-25 | 26-50 | 51-100 | 101-250 | 251-500 | 501-1000 | 1001-2000 | OVER 2000 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 01-04 | 05-14 | 15-24 | 25-34 | 35-44 | 45-64 | 65-104 | 105-154 | 155-254 | 255-504 | OVER 504 | | | | | |
| SNOW DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 10.7 | 1.1 | 4.0 | 5.8 | 3.0 | 3.2 | .9 | | | | | | | 10.7 | 1023 | | | |
| FEB | 10.1 | 1.1 | 4.4 | 1.9 | 7.3 | 2.3 | .6 | | | | | | | 11.0 | 1073 | | | |
| MAR | 11.7 | 2.4 | 1.5 | .7 | .2 | .7 | .7 | .1 | | | | | | 1.0 | 1023 | | | |
| APR | 9.7 | .1 | .1 | | | | | | | | | | | .1 | 1023 | | | |
| MAY | 10.7 | | | | | | | | | | | | | | 1023 | | | |
| JUN | 10.7 | | | | | | | | | | | | | | 1016 | | | |
| JUL | 10.1 | | | | | | | | | | | | | | 1021 | | | |
| AUG | 10.7 | | | | | | | | | | | | | | 1021 | | | |
| SEP | 10.7 | | | | | | | | | | | | | | 1021 | | | |
| OCT | 9.9 | | .1 | | | | | | | | | | | .1 | 1026 | | | |
| NOV | 17.5 | .9 | 1.4 | .1 | .1 | | | | | | | | | 1.0 | 1021 | | | |
| DEC | 10.4 | 5.7 | 2.0 | .6 | .0 | .0 | .7 | | | | | | | 2.0 | 1024 | | | |
| ANNUAL | 94.5 | 1.1 | 1.1 | .8 | .9 | .6 | .7 | .1 | | | | | | 2.2 | 12354 | | | |

1

STATION
STATION NAME

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION
STATION NAME

4-41, 4-41

YEARS

DAILY INCHES

| MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|-----------|-------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------|
| YEAR | | | | | | | | | | | | | |
| 14 | TRACE | | TRACE | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | |
| 37 | | | | | | | | | | | | | |
| 38 | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | |
| 52 | | | | | | | | | | | | | |
| 53 | | | | | | | | | | | | | |
| 54 | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | | |
| 57 | | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | | |
| 59 | | | | | | | | | | | | | |
| 60 | | | | | | | | | | | | | |
| 61 | | | | | | | | | | | | | |
| 62 | | | | | | | | | | | | | |
| 63 | | | | | | | | | | | | | |
| 64 | | | | | | | | | | | | | |
| 65 | | | | | | | | | | | | | |
| 66 | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

FROM DAILY OBSERVATIONS

STATION NAME

11-12, 13-14

YEARS

ONLY ONE. DEPTO IN INC 65

[illegible]

NOTE: * CLASSES IN LESS THAN FULL MONTH(S)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular M), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFETAC
 WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WIND

FROM DAILY OBSERVATIONS

STATION EL CAMPELLO KY
 STATION NAME

55-51

YEARS

DAILY PEAK GUSTS IN KNOTS

| MONTH YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---------------|-----------------|-------|-----------|------|------|------|------|------|------|------|------|------|---------------|
| 55 | | | | | | | | | | | | | |
| 56 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 57 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 58 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 59 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 60 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 61 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 62 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 63 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 64 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 65 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 66 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 67 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 68 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 69 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 70 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 71 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 72 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 73 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 74 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 75 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 76 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 77 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 78 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 79 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 80 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 81 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 82 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 83 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 84 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 85 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 86 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 87 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 88 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 89 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 90 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 91 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 92 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 93 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 94 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 95 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 96 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 97 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 98 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 99 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| 100 | 11NNW 18NNW 46W | 40SSW | 10SESW 11 | | | | | | | | | | |
| MEAN | 31.1 | 34.3 | 2.65 | 32.0 | 32.9 | 34.1 | 34.3 | 3.0 | 22.8 | 27.4 | 34.2 | 22.7 | 44.4 |
| S.D. | 6.1 | 6.87 | 7.02 | 6.69 | 6.92 | 6.29 | 7.67 | 10.5 | 6.69 | 4.41 | 6.12 | 6.71 | 10.76 |
| TOTAL OBS. | 77 | 67 | 79 | 74 | 76 | 68 | 74 | 77 | 78 | 69 | 79 | 77 | 77 |

NOTES: * BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM 0885 (OLA)

* BASED ON LESS THAN FULL MONTHS AND * IN KNOTS

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710 FT CAMPBELL KY 73-81 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER 0000-0200
CLASS HOURS (LST)
CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 2.7 | 2.9 | 1.0 | | | | | | | | 6.6 | 6.5 |
| NNE | .8 | 1.3 | 1.1 | .1 | | | | | | | | 3.0 | 5.7 |
| NE | .8 | 1.6 | 1.7 | .2 | | | | | | | | 4.3 | 6.1 |
| ENE | 1.3 | 1.0 | .1 | .2 | | | | | | | | 2.6 | 4.3 |
| E | .8 | 1.2 | .5 | .2 | | | | | | | | 2.7 | 5.3 |
| ESE | 1.3 | 1.6 | .2 | | | | | | | | | 3.1 | 3.9 |
| SE | 1.0 | 1.6 | .6 | | | | | | | | | 3.1 | 4.5 |
| SSE | 1.0 | 2.6 | .7 | .2 | | | | | | | | 4.5 | 5.3 |
| S | 2.0 | 3.1 | 2.5 | .4 | .4 | | | | | | | 8.4 | 6.2 |
| SSW | .8 | 1.0 | 1.4 | .5 | .4 | | | | | | | 4.1 | 8.1 |
| SW | .7 | .5 | 1.1 | 1.3 | .4 | | | | | | | 3.9 | 9.3 |
| WSW | .8 | 1.0 | .8 | 1.0 | | | | | | | | 3.6 | 7.2 |
| W | 1.1 | 1.2 | 1.0 | 1.3 | .5 | | | | | | | 5.0 | 8.5 |
| WNW | .7 | 1.0 | 1.3 | .4 | .1 | | | | | | | 3.5 | 7.3 |
| NW | 2.3 | 2.5 | 2.3 | .7 | .2 | | | | | | | 8.0 | 6.2 |
| NNW | 1.2 | 2.3 | 2.7 | 1.3 | .5 | | | | | | | 8.0 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.5 | |
| | 18.8 | 25.6 | 20.9 | 8.8 | 2.4 | | | | | | | 106.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0300-2500
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 3.2 | 3.0 | 1.9 | | | | | | | | 9.6 | 7.0 |
| NNE | 1.1 | 1.1 | 1.3 | .4 | | | | | | | | 3.8 | 6.0 |
| NE | 1.1 | 1.2 | .7 | .5 | | | | | | | | 3.5 | 6.0 |
| ENE | .7 | 1.0 | .5 | .1 | | | | | | | | 2.3 | 4.9 |
| E | 1.3 | 1.3 | .6 | .1 | | | | | | | | 3.3 | 4.7 |
| ESE | 1.7 | 1.7 | .1 | | | | | | | | | 3.5 | 3.6 |
| SE | 2.2 | 1.2 | .1 | .1 | | | | | | | | 3.6 | 3.6 |
| SSE | 1.0 | 1.7 | 1.2 | .4 | | | | | | | | 4.2 | 5.9 |
| S | 1.8 | 2.2 | 1.8 | .8 | | .1 | | | | | | 6.7 | 6.5 |
| SSW | .7 | 1.7 | 1.9 | 1.0 | | | | | | | | 5.3 | 7.5 |
| SW | .8 | .8 | 1.4 | .4 | | .2 | | | | | | 3.7 | 7.6 |
| WSW | .5 | 2.4 | 1.1 | .6 | | | | | | | | 4.5 | 6.5 |
| W | 2.0 | 1.9 | 1.0 | .4 | .4 | .4 | | | | | | 6.0 | 7.0 |
| WNW | .7 | .8 | 1.1 | .4 | .2 | | | | | | | 3.2 | 7.3 |
| NW | 1.2 | 2.0 | 3.6 | 1.2 | .2 | | | | | | | 8.2 | 7.7 |
| NNW | 1.4 | 2.3 | 2.3 | 1.2 | .1 | | | | | | | 7.3 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.4 | |
| | 19.6 | 26.4 | 21.6 | 9.3 | 1.0 | .7 | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746717
STATION

FT CAMPBELL KY
STATION NAME

75-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 2.5 | 3.2 | 1.7 | | | | | | | | 8.6 | 7.3 |
| NNE | .8 | 1.9 | 1.9 | .7 | | | | | | | | 5.4 | 6.7 |
| NE | .5 | .4 | .8 | .2 | | | | | | | | 1.9 | 6.9 |
| ENE | 1.4 | 1.2 | .4 | | | | | | | | | 3.0 | 4.2 |
| E | 2.2 | 1.8 | .8 | .2 | | | | | | | | 5.0 | 4.8 |
| ESE | 1.7 | 1.8 | .5 | .1 | | | | | | | | 4.1 | 4.5 |
| SE | 1.7 | 2.2 | .6 | .4 | | | | | | | | 4.8 | 4.6 |
| SSE | 1.3 | 1.8 | 1.4 | .2 | | | | | | | | 4.8 | 5.7 |
| S | 1.0 | 1.7 | 1.8 | 1.2 | | | | | | | | 5.6 | 7.1 |
| SSW | .8 | 1.3 | 1.8 | 1.2 | .2 | | | | | | | 5.4 | 8.5 |
| SW | 1.0 | .8 | 1.3 | .6 | .1 | | | | | | | 3.8 | 6.8 |
| WSW | 1.2 | 1.7 | 1.9 | .4 | .4 | | | | | | | 5.5 | 6.9 |
| W | 1.4 | 2.6 | 1.0 | .5 | .8 | .1 | | | | | | 6.5 | 7.6 |
| WNW | 1.0 | 1.7 | 1.0 | .4 | | | | | | | | 3.9 | 5.4 |
| NW | .8 | 2.2 | 2.2 | 1.0 | .2 | | | | | | | 6.3 | 7.4 |
| NNW | 1.1 | 2.3 | 2.9 | 1.4 | .2 | | | | | | | 7.9 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.6 | |
| | 19.0 | 27.7 | 23.4 | 10.2 | 2.0 | .1 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS

837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATIONFT CAMPBELL KY
STATION NAME73-81
YEARSJAN
MONTHALL WEATHER
CLASS0900-1100
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 2.7 | 4.5 | 1.2 | | .1 | | | | | | 9.3 | 7.8 |
| NNE | .8 | 1.3 | 1.1 | .4 | | | | | | | | 3.6 | 6.5 |
| NE | .6 | 1.0 | 1.3 | .5 | | | | | | | | 3.3 | 6.9 |
| ENE | 1.0 | 1.0 | .6 | .1 | | | | | | | | 2.6 | 4.7 |
| E | 1.0 | 1.8 | 1.4 | .1 | | | | | | | | 4.3 | 6.0 |
| ESE | 1.1 | 3.2 | 1.2 | .1 | | | | | | | | 5.6 | 5.3 |
| SE | 1.0 | 1.6 | .2 | .2 | | | | | | | | 3.0 | 4.8 |
| SSE | 1.4 | 2.4 | 2.3 | 1.3 | | | | | | | | 7.4 | 6.9 |
| S | .8 | 1.8 | 3.0 | 1.2 | .2 | | | | | | | 7.0 | 7.9 |
| SSW | .6 | 1.4 | 2.2 | 1.9 | | .2 | | | | | | 6.3 | 9.0 |
| SW | .6 | .4 | 1.7 | 1.1 | .2 | .1 | | | | | | 4.1 | 9.9 |
| WSW | .5 | 1.0 | 2.2 | 1.8 | .2 | .1 | | | | | | 5.7 | 9.6 |
| W | .5 | 2.4 | 2.2 | 2.7 | .5 | | | | | | | 8.2 | 9.1 |
| WNW | .5 | 1.7 | 3.6 | 1.0 | | | | | | | | 6.7 | 7.9 |
| NW | .4 | 2.7 | 2.5 | 1.1 | .1 | | | | | | | 6.1 | 8.0 |
| NNW | 1.6 | 2.5 | 4.5 | 1.7 | .2 | | | | | | | 10.5 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.1 | |
| | 12.9 | 28.1 | 34.4 | 16.4 | 1.6 | .6 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS

837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 2.5 | 3.0 | 1.3 | .1 | | | | | | | 8.6 | 6.8 |
| NNE | 2.3 | 1.9 | 1.0 | | | | | | | | | 5.1 | 4.2 |
| NE | .4 | 1.4 | 1.0 | .4 | | | | | | | | 3.1 | 6.5 |
| ENE | .4 | 1.2 | .5 | .1 | | | | | | | | 2.2 | 5.4 |
| E | 2.0 | 2.5 | .6 | .2 | | | | | | | | 5.4 | 4.5 |
| ESE | .8 | 1.8 | .5 | | | | | | | | | 3.1 | 4.7 |
| SE | .6 | 1.2 | .7 | .1 | | | | | | | | 2.6 | 5.5 |
| SSE | .4 | 1.6 | 1.7 | .6 | .4 | | | | | | | 4.5 | 8.2 |
| S | .6 | 2.0 | 2.4 | 2.7 | .8 | | | | | | | 8.6 | 9.4 |
| SSW | .6 | 1.6 | 1.7 | 1.6 | .2 | .4 | | | | | | 6.0 | 9.7 |
| SW | .2 | .7 | 1.1 | 1.0 | .6 | | | | | | | 3.6 | 10.4 |
| WSW | .1 | .7 | 1.9 | 1.6 | .5 | .5 | | | | | | 5.3 | 11.3 |
| W | 1.3 | 1.7 | 3.9 | 3.0 | .6 | | | | | | | 10.5 | 9.1 |
| WNW | .8 | 1.4 | 3.0 | 1.0 | .2 | | | | | | | 6.5 | 8.1 |
| NW | .7 | 2.9 | 3.5 | 1.9 | | | | | | | | 9.0 | 8.0 |
| NNW | 1.3 | 3.0 | 4.2 | 2.6 | | .1 | | | | | | 11.2 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.8 | |
| | 14.2 | 28.1 | 30.5 | 18.0 | 3.5 | 1.0 | | | | | | 106.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 2.0 | 2.5 | 1.4 | | | | | | | | 7.6 | 7.1 |
| NNE | 1.4 | 2.2 | 1.6 | .4 | | | | | | | | 5.5 | 5.5 |
| NE | 1.6 | 1.2 | .5 | .4 | | | | | | | | 3.6 | 5.0 |
| ENE | 1.0 | 1.1 | .7 | .1 | | | | | | | | 2.9 | 5.0 |
| E | 1.4 | 2.0 | .7 | | | | | | | | | 4.2 | 4.5 |
| ESE | 1.4 | 1.9 | .7 | | | | | | | | | 4.1 | 4.5 |
| SE | .5 | 2.0 | .2 | .4 | | | | | | | | 3.1 | 5.9 |
| SSE | .4 | 1.7 | 1.0 | .5 | | | | | | | | 3.5 | 7.0 |
| S | 1.3 | 2.2 | 3.8 | 2.5 | | | | | | | | 9.8 | 8.0 |
| SSW | .4 | 1.0 | 1.4 | 1.0 | .5 | .1 | | | | | | 4.3 | 10.0 |
| SW | .4 | .4 | 1.4 | .4 | .2 | | | | | | | 2.7 | 8.3 |
| WSW | .8 | 1.1 | 2.6 | 1.1 | .7 | | | | | | | 6.3 | 9.2 |
| W | .5 | 1.8 | 3.0 | 1.1 | .2 | .1 | .1 | | | | | 6.8 | 8.7 |
| WNW | .8 | 2.4 | 3.5 | .8 | .1 | | | | | | | 7.6 | 7.3 |
| NW | 1.8 | 2.7 | 3.3 | 1.0 | .4 | | | | | | | 9.2 | 7.1 |
| NNW | 1.4 | 3.8 | 2.7 | 2.0 | .1 | | | | | | | 10.2 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.6 | |
| | 16.7 | 29.4 | 29.7 | 12.9 | 2.3 | .2 | .1 | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710 STATION FT CAMPBELL KY 73-81 YEARS JAN MONTH 1800-2000 HOURS (LST)

ALL WEATHER CLASS

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.8 | 3.0 | 3.6 | 1.8 | .1 | | | | | | | 10.3 | 7.1 |
| NNE | .8 | 1.9 | .7 | .1 | | | | | | | | 3.6 | 5.1 |
| NE | .6 | 1.3 | 1.4 | .2 | .1 | | | | | | | 3.7 | 6.5 |
| ENE | .8 | 1.9 | .6 | .1 | | | | | | | | 3.5 | 5.1 |
| E | 1.4 | .8 | .5 | | | | | | | | | 2.7 | 3.9 |
| ESE | 2.0 | 1.2 | .7 | | | | | | | | | 3.9 | 3.8 |
| SE | 2.7 | 1.2 | .5 | .2 | | | | | | | | 4.7 | 4.1 |
| SSE | 1.4 | 2.2 | 1.4 | 1.3 | | | | | | | | 6.3 | 6.9 |
| S | 1.4 | 1.4 | 1.6 | 1.7 | .1 | | | | | | | 6.2 | 7.8 |
| SSW | .7 | 1.0 | .6 | .6 | .1 | | | | | | | 3.0 | 7.0 |
| SW | .7 | .2 | .5 | .5 | .4 | | | | | | | 2.3 | 8.8 |
| WSW | .8 | .8 | 1.4 | .5 | .5 | | | | | | | 4.1 | 8.4 |
| W | 2.6 | 2.0 | 1.2 | .6 | .2 | | | | | | | 6.7 | 5.5 |
| WNW | 1.8 | 1.7 | 1.0 | .1 | .1 | | | | | | | 4.7 | 5.1 |
| NW | 1.2 | 2.9 | 1.2 | 1.2 | .1 | .1 | | | | | | 6.7 | 7.1 |
| NNW | 1.1 | 2.2 | 2.0 | 1.2 | .1 | | | | | | | 6.5 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.1 | |
| | 22.1 | 25.7 | 18.9 | 10.2 | 1.9 | .1 | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74671: FT CAMPBELL KY 73-81 JAN
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (LST)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 2.9 | 3.0 | .7 | .1 | | | | | | | 8.1 | 6.7 |
| NNE | 1.7 | 1.6 | .8 | .2 | | | | | | | | 4.3 | 4.8 |
| NE | 2.0 | 1.6 | 1.2 | .1 | | | | | | | | 4.9 | 5.1 |
| ENE | 1.1 | .8 | .6 | | | | | | | | | 2.5 | 4.3 |
| E | 1.0 | 1.7 | .7 | | | | | | | | | 3.3 | 4.7 |
| ESE | 1.4 | 1.0 | | | | | | | | | | 2.4 | 3.2 |
| SE | 1.1 | 1.1 | .6 | | | | | | | | | 2.7 | 4.3 |
| SSE | 1.9 | 1.9 | 1.4 | .7 | .1 | | | | | | | 6.1 | 6.2 |
| S | 1.9 | 3.6 | 2.2 | 1.0 | .1 | | | | | | | 8.7 | 6.2 |
| SSW | .2 | .7 | .8 | 1.1 | .2 | .1 | | | | | | 3.2 | 10.0 |
| SW | 1.2 | .2 | .8 | 1.8 | .2 | | | | | | | 4.3 | 9.3 |
| WSW | .7 | 1.2 | 1.1 | .7 | | | | | | | | 3.7 | 7.4 |
| W | 1.4 | .8 | .8 | .7 | | | | | | | | 3.8 | 6.2 |
| WNW | 1.2 | .6 | .8 | .5 | | | | | | | | 3.1 | 6.2 |
| NW | 1.1 | 2.3 | 1.3 | 1.6 | | .5 | | | | | | 6.7 | 8.3 |
| NNW | 1.4 | 3.0 | 2.6 | 1.4 | .2 | | | | | | | 8.7 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.3 | |
| | 20.8 | 24.9 | 18.9 | 10.5 | 1.1 | .6 | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | 2.7 | 3.2 | 1.4 | .0 | .0 | | | | | | 8.8 | 7.0 |
| NNE | 1.2 | 1.6 | 1.2 | .3 | | | | | | | | 4.3 | 5.5 |
| NE | .9 | 1.2 | 1.1 | .3 | .0 | | | | | | | 3.5 | 6.0 |
| ENE | 1.0 | 1.1 | .5 | .1 | | | | | | | | 2.7 | 4.8 |
| E | 1.4 | 1.6 | .7 | .1 | | | | | | | | 3.9 | 4.8 |
| ESE | 1.4 | 1.8 | .5 | .0 | | | | | | | | 3.7 | 4.3 |
| SE | 1.3 | 1.5 | .4 | .2 | | | | | | | | 3.4 | 4.6 |
| SSE | 1.1 | 2.0 | 1.4 | .7 | .1 | | | | | | | 5.2 | 6.5 |
| S | 1.4 | 2.2 | 2.4 | 1.4 | .2 | .0 | | | | | | 7.6 | 7.4 |
| SSW | .6 | 1.2 | 1.5 | 1.1 | .2 | .1 | | | | | | 4.7 | 6.8 |
| SW | .7 | .5 | 1.2 | .9 | .3 | .0 | | | | | | 3.6 | 8.8 |
| WSW | .7 | 1.2 | 1.6 | .9 | .3 | .1 | | | | | | 4.8 | 8.5 |
| W | 1.4 | 1.8 | 1.7 | 1.3 | .4 | .1 | .0 | | | | | 6.7 | 7.9 |
| WNW | .9 | 1.4 | 1.9 | .6 | .1 | | | | | | | 4.9 | 7.0 |
| NW | 1.2 | 2.4 | 2.5 | 1.2 | .2 | .1 | | | | | | 7.5 | 7.4 |
| NNW | 1.3 | 2.7 | 3.0 | 1.6 | .2 | .0 | | | | | | 8.8 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.8 | |
| | 18.0 | 27.0 | 24.8 | 12.0 | 2.0 | .4 | .0 | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS

6696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 746710 FT CAMPBELL KY STATION NAME 73-81 YEARS PER MONTH 0000-0000 HOURS (LST)
CLASS ALL WEATHER
CONDITION

| SPEED KNTS DIR | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|----------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.4 | 2.4 | 3.3 | 2.1 | .1 | | | | | | | 9.6 | 7.8 |
| NNE | 1.6 | .9 | 1.6 | .7 | .1 | | | | | | | 4.9 | 6.9 |
| NE | .9 | .4 | .7 | .4 | .1 | | | | | | | 2.1 | 6.6 |
| ENE | .9 | 1.1 | .7 | .1 | | | | | | | | 2.8 | 5.0 |
| E | 2.4 | .9 | .1 | | | | | | | | | 3.4 | 3.2 |
| ESE | 1.8 | .6 | .4 | | | | | | | | | 3.2 | 3.3 |
| SE | 1.7 | 1.7 | .5 | .1 | | | | | | | | 4.1 | 4.4 |
| SSE | .9 | 1.8 | 1.2 | .3 | .4 | | | | | | | 4.6 | 7.0 |
| S | 1.6 | 3.2 | 3.2 | 1.3 | .3 | | | | | | | 9.5 | 7.2 |
| SSW | .5 | 1.4 | .7 | 1.1 | | | | | | | | 3.7 | 7.6 |
| SW | .7 | .4 | .9 | 1.2 | .3 | | | | | | | 3.5 | 9.0 |
| WSW | .8 | .8 | .7 | .3 | .4 | | | | | | | 2.9 | 7.5 |
| W | 1.7 | 1.6 | .7 | .8 | | | | | | | | 4.7 | 5.6 |
| WNW | .8 | .3 | .9 | .5 | | | | | | | | 3.0 | 6.6 |
| NW | .4 | .5 | 2.4 | .3 | | | | | | | | 3.5 | 7.7 |
| NNW | 1.7 | 2.2 | 3.0 | 2.1 | .3 | | | | | | | 8.9 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.6 | |
| | 19.4 | 21.3 | 20.4 | 11.2 | 2.0 | .1 | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 761

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74671 FT CAMPBELL KY STATION NAME 77-81 YEARS FEB MONTH 307-0500 HOURS LT ST
CLASS ALL WEATHER
CONDITION

| SPEED KNTS D.R | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|----------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.4 | 3.1 | 3.7 | 1.4 | .4 | | | | | | | 9.4 | 7.3 |
| NNE | 1.2 | 1.4 | 1.7 | .8 | | | | | | | | 4.9 | 6.3 |
| NE | .8 | .7 | .3 | .7 | .1 | .1 | | | | | | 2.6 | 8.3 |
| ENE | .8 | .4 | .1 | | | | | | | | | 1.3 | 3.7 |
| E | 2.8 | 1.6 | .3 | | | | | | | | | 4.6 | 3.5 |
| ESE | 2.0 | 1.3 | .1 | .1 | | | | | | | | 4.1 | 3.9 |
| SE | 2.5 | 1.7 | .7 | .3 | | | | | | | | 5.1 | 4.4 |
| SSE | 1.4 | .4 | .4 | .5 | .1 | | | | | | | 2.9 | 6.2 |
| S | 1.0 | 3.3 | 2.9 | 1.0 | .3 | .3 | | | | | | 8.8 | 7.7 |
| SSW | .8 | 2.2 | 1.0 | 1.3 | | | | | | | | 5.4 | 7.2 |
| SW | 1.7 | 1.6 | 1.0 | .8 | .4 | .1 | | | | | | 5.0 | 8.0 |
| WSW | 1.7 | .5 | .5 | .3 | .5 | .3 | | | | | | 3.3 | 7.8 |
| W | .4 | 1.4 | .9 | .4 | | | | | | | | 3.1 | 6.5 |
| WNW | 1.2 | .9 | 1.4 | .5 | | | | | | | | 4.1 | 6.5 |
| NW | .9 | 2.1 | 1.6 | 1.0 | | | | | | | | 5.6 | 6.7 |
| NNW | .9 | 2.9 | 2.6 | 1.6 | .3 | | | | | | | 8.3 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 71.0 | |
| | 27.9 | 26.5 | 18.0 | 17.8 | 2.1 | .8 | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 762

2

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION FT CAMPBELL KY STATION NAME 73-81 YEARS FEB
CLASS ALL WEATHER NORTH 0600-0800
CONDITION

| SPEED KNTS D/R | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|----------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 2.4 | 2.5 | 3.7 | 1.7 | .5 | | | | | | | 1.0 | 7.6 |
| NNE | .9 | 1.4 | 1.7 | | | | | | | | | 3.4 | 5.9 |
| NE | .4 | .3 | .7 | .8 | | | | | | | | 2.1 | 2.1 |
| ENE | .4 | .9 | .5 | .1 | | | | | | | | 2.0 | 5.5 |
| E | 2.1 | 1.2 | .1 | | | | | | | | | 3.4 | 3.0 |
| ESE | 2.4 | 4.5 | .3 | | | | | | | | | 7.1 | 3.7 |
| SE | 2.6 | 2.1 | .4 | .4 | | | | | | | | 5.5 | 4.4 |
| SSE | 3.4 | 1.2 | .9 | .8 | | | | | | | | 6.7 | 4.7 |
| S | 2.0 | 2.4 | 2.1 | .4 | .3 | .1 | | | | | | 7.1 | 6.6 |
| SSW | .9 | .9 | 3.1 | 1.7 | .4 | | | | | | | 7.1 | 9.1 |
| SW | .9 | 1.7 | 1.0 | 1.2 | .4 | | | | | | | 7.1 | 3.1 |
| WSW | .7 | 1.7 | 1.8 | 1.0 | .5 | | | | | | | 7.1 | 7.1 |
| W | .4 | 1.2 | 1.6 | .4 | | | | | | | | 3.0 | 6.7 |
| WNW | .3 | .8 | 1.3 | .4 | | | | | | | | 2.5 | 7.8 |
| NW | .8 | 2.1 | 2.1 | .7 | | | | | | | | 7.6 | 6.9 |
| NNW | .9 | 2.5 | 2.2 | 1.3 | .1 | | | | | | | 7.1 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.1 | |
| | 21.3 | 26.8 | 23.6 | 10.9 | 2.2 | .1 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS

762

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1900-1100
HOURS (LST)

CONDITION

| SPEED (KMTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.8 | 2.7 | 2.5 | 1.4 | .4 | | | | | | | 8.1 | 7.5 |
| NNE | 1.7 | .9 | .8 | .3 | | | | | | | | 3.0 | 5.7 |
| NE | .4 | .8 | .8 | .5 | | | | | | | | 2.5 | 7.0 |
| ENE | .5 | .8 | .8 | .3 | | | | | | | | 2.4 | 6.3 |
| E | .9 | 2.9 | .8 | | | | | | | | | 4.6 | 4.7 |
| ESE | 1.2 | 2.6 | .9 | .1 | | | | | | | | 4.9 | 5.1 |
| SE | 1.4 | 2.4 | 1.0 | .3 | | | | | | | | 5.1 | 5.3 |
| SSE | 1.2 | 4.3 | 3.0 | .3 | .3 | | | | | | | 9.1 | 6.6 |
| S | .1 | 2.9 | 3.7 | 1.4 | .7 | .1 | | | | | | 8.9 | 8.9 |
| SSW | .7 | 1.0 | 2.5 | 2.5 | .8 | .3 | | | | | | 7.7 | 10.2 |
| SW | .5 | .9 | 2.2 | 2.1 | .7 | .3 | | | | | | 6.7 | 10.8 |
| WSW | .4 | .7 | 2.2 | 1.2 | .7 | .3 | | | | | | 5.4 | 10.8 |
| W | .3 | 1.2 | 3.3 | 2.0 | .3 | | | | | | | 7.0 | 9.6 |
| WNW | .4 | .8 | 2.8 | 1.3 | | | | | | | | 5.2 | 8.9 |
| NW | .4 | 1.2 | 2.6 | 1.8 | | | | | | | | 6.0 | 8.8 |
| NNW | .5 | 1.6 | 3.1 | 3.1 | .3 | | | | | | | 8.7 | 9.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 11.8 | 26.9 | 33.1 | 18.6 | 3.9 | .9 | | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS

762

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710 FT CAMPBELL KY 73-81 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1200-1400
CONDITION HOURS (LST)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | N | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.4 | 2.4 | 1.7 | 1.7 | | .1 | | | | | | 8.3 | 6.7 |
| NNE | 1.0 | 1.4 | 1.8 | .3 | | | | | | | | 4.6 | 6.2 |
| NE | .4 | 1.2 | .5 | .3 | | | | | | | | 2.4 | 5.9 |
| ENE | .7 | 1.2 | .1 | .3 | | | | | | | | 2.2 | 4.8 |
| E | 1.3 | 2.4 | 1.3 | | | | | | | | | 5.2 | 4.9 |
| ESE | 1.3 | 1.7 | 1.0 | | | | | | | | | 4.1 | 4.5 |
| SE | .5 | 2.1 | .8 | .1 | | | | | | | | 3.5 | 5.6 |
| SSE | .7 | 2.5 | 3.0 | 1.0 | .4 | .3 | | | | | | 7.9 | 8.4 |
| S | .3 | 1.8 | 2.6 | 1.8 | .7 | .1 | | | | | | 7.3 | 9.5 |
| SSW | .4 | 1.6 | 1.6 | 2.8 | .8 | .4 | | | | | | 7.5 | 11.2 |
| SW | .3 | 1.0 | 1.4 | 2.0 | 1.0 | .1 | | | | | | 5.9 | 11.3 |
| WSW | .1 | 1.6 | 3.3 | 2.4 | .7 | | | | | | | 8.0 | 10.3 |
| W | .4 | .8 | 3.0 | 2.8 | .5 | | | | | | | 7.5 | 10.5 |
| WNW | .1 | 1.4 | 3.8 | 2.4 | .1 | | | | | | | 7.9 | 9.5 |
| NW | .1 | 1.3 | 3.8 | 2.4 | | | | | | | | 7.4 | 9.2 |
| NNW | .4 | 2.2 | 2.9 | 2.1 | .1 | | | | | | | 7.7 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.6 | |
| | 10.4 | 26.6 | 32.8 | 22.2 | 4.3 | 1.0 | | | | | | 100.0 | 8.3 |

TOTAL NUMBER OF OBSERVATIONS 762

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74671 FT CAMPBELL KY 73-81 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLAS
CONDITION
1500-1700
NOV (LST)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.8 | 3.0 | 3.8 | 1.3 | .1 | | | | | | | 10.1 | 7.2 |
| NNE | 1.7 | 1.0 | 1.7 | .1 | | | | | | | | 4.6 | 5.4 |
| NE | 1.0 | 1.6 | .4 | .1 | | | | | | | | 3.1 | 4.5 |
| ENE | 1.3 | 1.3 | .4 | .3 | | | | | | | | 3.3 | 4.6 |
| E | 1.6 | 3.5 | .9 | .1 | | | | | | | | 6.2 | 5.1 |
| ESE | .7 | 1.0 | .5 | .3 | | | | | | | | 2.5 | 5.8 |
| SE | .4 | 1.3 | .8 | | .1 | | | | | | | 2.6 | 6.1 |
| SSE | .7 | 1.8 | 1.7 | .8 | .3 | | | | | | | 5.2 | 7.7 |
| S | .3 | 2.2 | 2.5 | 2.0 | .5 | | | | | | | 7.5 | 9.1 |
| SSW | .5 | 1.6 | 2.4 | 3.0 | .7 | .1 | | | | | | 8.3 | 10.4 |
| SW | .1 | 1.0 | 2.0 | 1.7 | .1 | | | | | | | 5.0 | 9.6 |
| WSW | .3 | 1.4 | 2.2 | 1.7 | .5 | | | | | | | 6.2 | 9.8 |
| W | 1.0 | 2.2 | 3.4 | 2.0 | .3 | | | | | | | 8.9 | 8.1 |
| WNW | .1 | 1.4 | 3.3 | 1.7 | | | | | | | | 6.6 | 8.7 |
| NW | .8 | 1.7 | 3.3 | .8 | .3 | | | | | | | 6.8 | 8.1 |
| NNW | 1.8 | 2.4 | 2.8 | 2.2 | .5 | | | | | | | 9.7 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.4 | |
| | 14.2 | 28.7 | 32.0 | 18.1 | 3.4 | .1 | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 762

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746717 STATION FT CAMPBELL KY 73-81 YEARS FEB MONTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 2.9 | 4.7 | 2.0 | | | | | | | | 11.5 | 7.5 |
| NNE | 1.3 | 1.6 | 1.0 | .1 | | | | | | | | 4.1 | 5.1 |
| NE | .3 | .7 | .7 | .1 | | | | | | | | 1.7 | 6.3 |
| ENE | 1.7 | .4 | | .4 | | | | | | | | 2.5 | 4.5 |
| E | 3.1 | 2.6 | .7 | .3 | | | | | | | | 6.7 | 3.8 |
| ESE | 1.8 | 1.8 | .3 | | | | | | | | | 3.9 | 3.7 |
| SE | 1.6 | 1.3 | .4 | .3 | | | | | | | | 3.5 | 4.7 |
| SSE | 1.2 | 2.7 | .9 | .4 | | | | | | | | 4.5 | 5.5 |
| S | 1.0 | 4.5 | 2.2 | .8 | .1 | .1 | | | | | | 8.8 | 6.8 |
| SSW | 1.3 | 1.6 | 1.3 | 1.2 | .3 | | | | | | | 5.6 | 7.4 |
| SW | .3 | .8 | .7 | .5 | .1 | .3 | | | | | | 2.6 | 9.9 |
| WSW | .8 | 1.0 | .3 | .7 | .3 | | | | | | | 3.0 | 7.9 |
| W | 2.1 | 2.2 | 1.2 | .4 | | | | | | | | 5.9 | 5.2 |
| WNW | .9 | 1.3 | 1.3 | .3 | | | | | | | | 3.8 | 6.0 |
| NW | .7 | 2.4 | 1.2 | 1.3 | .1 | | | | | | | 5.6 | 8.0 |
| NNW | 1.4 | 2.2 | 2.0 | 1.3 | .4 | | | | | | | 7.3 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.8 | |
| | 21.5 | 29.3 | 18.8 | 12.0 | 1.3 | .4 | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS

762

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74671

FT CAMPBELL KY

73-81

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.9 | 3.0 | 3.4 | 1.8 | .1 | | | | | | | 11.3 | 6.9 |
| NNE | 1.8 | 1.7 | 1.6 | .5 | .1 | | | | | | | 5.8 | 6.0 |
| NE | 1.0 | .7 | .1 | .5 | | | | | | | | 2.4 | 6.0 |
| ENE | .1 | 1.0 | .8 | .3 | | | | | | | | 2.2 | 6.6 |
| E | 3.5 | 1.4 | .4 | | | | | | | | | 5.4 | 3.2 |
| ESE | 1.6 | 2.2 | .3 | | | | | | | | | 4.1 | 3.8 |
| SE | .9 | 1.6 | .3 | | | | | | | | | 2.8 | 4.2 |
| SSE | 2.0 | 1.4 | 1.2 | .5 | | | | | | | | 5.1 | 5.7 |
| S | 1.2 | 2.6 | 3.4 | 1.0 | | | | | | | | 8.3 | 7.1 |
| SSW | .8 | 1.2 | 1.3 | 1.3 | | | | | | | | 4.6 | 7.6 |
| SW | .8 | 1.4 | .9 | .9 | .3 | | | | | | | 4.3 | 8.0 |
| WSW | .9 | .7 | .7 | .4 | .1 | | | | | | | 2.8 | 7.0 |
| W | 1.0 | .7 | .4 | .3 | | | | | | | | 2.4 | 5.1 |
| WNW | 1.2 | 1.0 | .9 | .7 | | | | | | | | 3.8 | 6.5 |
| NW | 1.3 | 1.0 | 1.6 | .5 | .3 | | | | | | | 4.7 | 7.2 |
| NNW | .9 | 2.5 | 2.1 | 2.0 | .4 | .1 | | | | | | 8.0 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.2 | |
| | 22.0 | 24.3 | 19.3 | 10.8 | 1.3 | .1 | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS

762

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
MOVER (L & T)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 2.7 | 3.3 | 1.7 | .2 | .0 | | | | | | 9.9 | 7.3 |
| NNE | 1.3 | 1.4 | 1.4 | .3 | .0 | .0 | | | | | | 4.5 | 6.0 |
| NE | .7 | .8 | .5 | .4 | .0 | .0 | | | | | | 2.4 | 6.5 |
| ENE | .8 | .9 | .4 | .2 | | | | | | | | 2.3 | 5.1 |
| E | 2.2 | 2.1 | .6 | .0 | | | | | | | | 4.9 | 4.0 |
| ESE | 1.6 | 2.1 | .5 | .1 | | | | | | | | 4.2 | 4.2 |
| SE | 1.5 | 1.8 | .6 | .2 | .0 | | | | | | | 4.3 | 4.8 |
| SSE | 1.4 | 2.0 | 1.5 | .6 | .2 | .0 | | | | | | 5.7 | 6.6 |
| S | .9 | 2.9 | 2.8 | 1.2 | .3 | .1 | | | | | | 8.3 | 7.8 |
| SSW | .7 | 1.4 | 1.7 | 1.9 | .4 | .1 | | | | | | 9.2 | 9.2 |
| SW | .6 | 1.1 | 1.3 | 1.3 | .4 | .1 | | | | | | 4.8 | 9.5 |
| WSW | .7 | 1.0 | 1.5 | 1.0 | .5 | .1 | | | | | | 4.6 | 9.2 |
| W | .9 | 1.4 | 1.8 | 1.1 | .1 | | | | | | | 5.4 | 7.7 |
| WNW | .6 | 1.1 | 2.0 | 1.0 | .0 | | | | | | | 4.6 | 7.9 |
| NW | .7 | 1.5 | 2.3 | 1.1 | .1 | | | | | | | 5.7 | 7.9 |
| NNW | 1.0 | 2.3 | 2.6 | 2.0 | .3 | .0 | | | | | | 8.2 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.2 | |
| | 17.7 | 26.3 | 44.7 | 14.1 | 2.6 | .5 | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS

6095

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 1.9 | 1.9 | 1.4 | .1 | | | | | | | 6.7 | 7.5 |
| NNE | 1.1 | 2.3 | 1.3 | .2 | .1 | | | | | | | 5.0 | 6.7 |
| NE | 1.6 | .7 | .4 | .1 | .1 | | | | | | | 2.9 | 5.1 |
| ENE | 1.4 | .4 | .4 | | .1 | | | | | | | 2.3 | 4.5 |
| E | 1.7 | 2.2 | 2.0 | .2 | | | | | | | | 6.1 | 5.9 |
| ESE | 1.7 | 2.5 | .1 | | .1 | | | | | | | 4.4 | 4.5 |
| SE | 2.7 | 1.1 | .5 | .5 | .1 | | | | | | | 4.9 | 5.0 |
| SSE | 2.3 | 1.6 | .8 | .8 | .2 | | | | | | | 5.7 | 6.3 |
| S | 1.9 | 3.8 | 4.8 | 2.0 | .7 | | | | | | | 13.3 | 7.9 |
| SSW | 1.1 | 1.8 | 1.6 | 1.1 | .4 | .1 | | | | | | 6.0 | 7.9 |
| SW | 1.0 | .6 | .7 | .8 | .2 | | | | | | | 3.3 | 8.7 |
| WSW | .7 | .6 | .5 | .8 | | | | | | | | 2.6 | 7.5 |
| W | .8 | 1.3 | .7 | .5 | .2 | | | | | | | 3.6 | 7.1 |
| WNW | 1.0 | .8 | 1.4 | .2 | .1 | .1 | | | | | | 3.7 | 6.8 |
| NW | .6 | 1.2 | .8 | .8 | | | | | | | | 3.5 | 7.7 |
| NNW | .4 | 1.4 | 1.7 | 1.6 | .2 | | | | | | | 5.3 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.8 | |
| | 21.1 | 24.1 | 19.6 | 11.2 | 2.9 | .2 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS

437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

MAP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.6 | 2.2 | 2.6 | | | | | | | | 7.5 | 8.3 |
| NNE | .4 | 2.7 | .6 | | | | | | | | | 3.0 | 5.1 |
| NE | 1.3 | 1.7 | .7 | .2 | | | | | | | | 3.9 | 5.2 |
| ENE | .7 | 1.3 | .8 | .1 | .1 | | | | | | | 3.1 | 6.0 |
| E | 2.5 | 2.5 | 1.3 | .5 | | | | | | | | 6.8 | 5.1 |
| ESE | 1.8 | 2.3 | 1.7 | .4 | | | | | | | | 5.4 | 5.2 |
| SE | 1.6 | 2.6 | .8 | .2 | | | | | | | | 5.3 | 4.7 |
| SSE | 2.3 | 1.9 | 1.1 | .5 | .1 | | | | | | | 5.9 | 5.5 |
| S | 1.2 | 3.8 | 1.9 | 2.2 | | | | | | | | 9.1 | 7.2 |
| SSW | 1.0 | 1.2 | 1.6 | 1.8 | .2 | .1 | | | | | | 5.9 | 9.2 |
| SW | .8 | 1.1 | 1.2 | 1.4 | .1 | .1 | | | | | | 4.8 | 8.8 |
| WSW | .5 | 1.2 | 1.4 | .5 | | | | | | | | 3.6 | 7.5 |
| W | .4 | 1.1 | 1.6 | 1.1 | | | | | | | | 4.1 | 8.1 |
| WNW | .7 | .8 | 1.6 | .6 | | .1 | | | | | | 3.8 | 8.2 |
| NW | .6 | 1.2 | 2.0 | .5 | .1 | | | | | | | 4.4 | 7.7 |
| NNW | .5 | 2.3 | 1.3 | .6 | .1 | | | | | | | 4.8 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.8 | |
| | 17.3 | 28.6 | 21.0 | 13.1 | .8 | .4 | | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS

637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | 2.3 | 2.0 | 1.9 | .1 | | | | | | | 7.9 | 7.7 |
| NNE | .5 | 1.1 | 1.1 | .5 | .1 | | | | | | | 3.2 | 7.5 |
| NE | .6 | 1.1 | 1.2 | .2 | | | | | | | | 3.1 | 6.6 |
| ENE | 1.3 | 1.1 | .7 | .2 | | | | | | | | 2.9 | 4.7 |
| E | 1.8 | 3.6 | 2.4 | .8 | | | | | | | | 8.6 | 6.7 |
| ESE | 1.6 | 2.6 | 1.0 | .1 | | | | | | | | 5.3 | 4.9 |
| SE | 3.1 | 3.1 | 1.3 | | | | | | | | | 7.5 | 4.4 |
| SSE | 2.9 | 2.6 | 1.8 | .5 | .1 | .1 | | | | | | 8.1 | 5.7 |
| S | 1.7 | 3.5 | 3.1 | 1.4 | | | .1 | | | | | 9.8 | 7.3 |
| SSW | .7 | 1.3 | 2.4 | 1.7 | .2 | | | | | | | 6.3 | 8.4 |
| SW | 1.0 | 2.0 | 1.4 | 1.0 | | | | | | | | 5.4 | 6.6 |
| WSW | .1 | 1.0 | 1.6 | .4 | .4 | | | | | | | 3.3 | 8.8 |
| W | .2 | 1.2 | 1.7 | 1.3 | .1 | | | | | | | 4.5 | 9.0 |
| WNW | .2 | .6 | 1.6 | 1.1 | | | | | | | | 3.5 | 9.2 |
| NW | .7 | 1.3 | 1.6 | 1.1 | | | | | | | | 4.7 | 7.8 |
| NNW | .6 | 1.8 | 1.7 | 1.4 | .1 | | | | | | | 5.6 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.4 | |
| | 18.5 | 30.1 | 25.9 | 13.6 | 1.2 | .1 | .1 | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 746710 FT CAMPBELL KY YEARS 73-81
CLASS ALL WEATHER
CONDITION
MAP NORTH
900-1100
HOURS U.S.T.

| SPEED (KNTS) DIR | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|------------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.1 | 1.9 | 2.3 | 1.7 | .2 | | | | | | | 7.2 | 5.4 |
| NNE | .4 | 1.0 | 1.1 | .8 | | | | | | | | 3.2 | 9.2 |
| NE | .2 | .6 | .6 | .2 | | | | | | | | 1.7 | 7.2 |
| ENE | .6 | 1.6 | .8 | .4 | | | | | | | | 3.3 | 5.9 |
| E | 1.2 | 2.7 | 3.8 | 1.3 | | | | | | | | 9.1 | 7.2 |
| ESE | .6 | 2.9 | 2.2 | .7 | | | | | | | | 6.3 | 6.7 |
| SE | .4 | 2.6 | 3.0 | .8 | | | | | | | | 6.8 | 7.4 |
| SSE | .5 | 1.9 | 3.0 | .8 | | .1 | | | | | | 6.3 | 8.2 |
| S | .1 | 2.2 | 3.5 | 2.4 | .8 | | | | | | | 9.7 | 9.9 |
| SSW | .2 | .6 | 2.7 | 3.3 | .7 | .4 | .1 | | | | | 8.1 | 11.6 |
| SW | .1 | .5 | 1.9 | 3.1 | .6 | .2 | | | | | | 6.6 | 11.8 |
| WSW | .1 | .8 | 2.2 | 3.2 | .4 | | | | | | | 6.7 | 11.1 |
| W | .5 | 1.6 | 2.6 | 1.8 | .4 | | | | | | | 6.8 | 9.1 |
| WNW | .5 | 1.8 | 1.9 | 1.9 | .6 | | | | | | | 6.7 | 9.4 |
| NW | 1.1 | .7 | 2.6 | 1.3 | .1 | .1 | | | | | | 6.2 | 8.4 |
| NNW | .5 | .7 | 2.0 | 1.9 | .2 | | | | | | | 5.4 | 9.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .8 | |
| | 8.0 | 24.1 | 36.2 | 25.8 | 4.1 | .8 | .1 | | | | | 100.0 | 8.9 |

TOTAL NUMBER OF OBSERVATIONS 837

JOINT CLIMATE BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

14471
STATION

FT CAMPBELL KY

STATION NAME

73-81

YEARS

MAP
MONTH

ALL WEATHER

CLASS

1200-1400
HOURS (LST)

CONDITION

| SPEED KNTS DIR | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|----------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .6 | 2.9 | 1.4 | 1.9 | .1 | | | | | | | 6.7 | 8.7 |
| NNE | .9 | 1.0 | 1.6 | 1.0 | .2 | | | | | | | 4.5 | 8.2 |
| NE | .5 | .7 | .2 | .6 | | | | | | | | 2.0 | 6.5 |
| ENE | .5 | 1.1 | 1.0 | .1 | | | | | | | | 2.6 | 6.7 |
| E | .8 | 3.1 | 3.1 | .7 | | | | | | | | 7.8 | 6.7 |
| ESE | .4 | 2.3 | 2.0 | .7 | | | | | | | | 5.4 | 7.4 |
| SE | .1 | 1.3 | .6 | .7 | .1 | | | | | | | 2.9 | 8.6 |
| SSE | .7 | 1.3 | 2.9 | 2.3 | .1 | | | | | | | 7.3 | 8.8 |
| S | .4 | 2.2 | 3.7 | 3.5 | 1.0 | | | | | | | 10.6 | 10.1 |
| SSW | .2 | .7 | 1.7 | 3.3 | 1.3 | .5 | | | | | | 7.8 | 12.9 |
| SW | | .4 | 1.8 | 3.3 | 1.6 | .1 | | | | | | 7.2 | 13.2 |
| WSW | | .6 | .7 | 2.5 | 1.2 | | | | | | | 5.7 | 13.1 |
| W | .4 | 1.6 | 2.5 | 3.5 | .1 | .1 | | | | | | 8.1 | 10.2 |
| WNW | .1 | 1.1 | 2.4 | 2.4 | .2 | .1 | | | | | | 6.3 | 10.4 |
| NW | .2 | 1.6 | 2.9 | 2.2 | .1 | | | | | | | 6.9 | 9.1 |
| NNW | .7 | 1.8 | 2.3 | 2.7 | .1 | | | | | | | 7.6 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.0 | |
| | 6.5 | 23.4 | 30.7 | 31.4 | 6.2 | .8 | | | | | | 100.0 | 9.5 |

TOTAL NUMBER OF OBSERVATIONS

637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74671 FT CAMPBELL KY 73-81
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
MAP
NORTH
1500-1700
HOURS (LST)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.6 | 2.2 | 1.6 | .1 | | | | | | | 6.5 | 7.8 |
| NNE | 1.1 | 1.2 | .6 | 1.1 | | | | | | | | 3.9 | 6.9 |
| NE | .5 | 1.3 | .7 | .2 | | | | | | | | 2.7 | 6.4 |
| ENE | .1 | 1.3 | .4 | .1 | | | | | | | | 2.4 | 6.2 |
| E | 1.6 | 2.6 | 4.1 | .2 | | | | | | | | 9.5 | 6.3 |
| ESE | 1.1 | 1.4 | 1.4 | .2 | | | | | | | | 4.2 | 5.8 |
| SE | .2 | 1.9 | 1.6 | .7 | .6 | | | | | | | 5.2 | 8.9 |
| SSE | .4 | .8 | 2.3 | 1.7 | .2 | | | | | | | 3.4 | 9.6 |
| S | .2 | 1.3 | 3.7 | 3.7 | .7 | | | | | | | 9.7 | 10.4 |
| SSW | .4 | 1.2 | 3.7 | 4.2 | 1.7 | .1 | | | | | | 9.3 | 11.7 |
| SW | .2 | .7 | 1.2 | 1.4 | 1.0 | .2 | | | | | | 4.3 | 12.6 |
| WSW | .1 | .4 | .5 | 2.0 | .7 | | | | | | | 3.7 | 12.8 |
| W | .4 | 2.2 | 2.4 | 3.0 | .2 | | | | | | | 9.1 | 9.3 |
| WNW | .4 | 2.2 | 2.7 | 1.4 | | | | | | | | 6.2 | 8.5 |
| NW | .1 | 2.5 | 2.9 | 1.4 | .2 | | | | | | | 7.2 | 8.5 |
| NNW | .7 | 3.0 | 3.7 | 2.9 | .6 | | | | | | | 10.9 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.7 | |
| | 9.6 | 25.1 | 33.0 | 25.9 | 5.4 | .4 | | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS

637

CLIMAT. CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

| | | | |
|-------------|----------------|-------|--------------|
| 74671 | FT CAMPBELL KY | 73-81 | MAR |
| STATION | STATION NAME | YEARS | MONTH |
| ALL WEATHER | | | 1800-2000 |
| CLASS | | | HOURLY (LST) |
| CONDITION | | | |

| SPEED KNTS Dir | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|----------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 0.3 | 3.2 | 3.5 | 1.9 | .4 | | | | | | | 11.2 | 7.1 |
| NNE | .9 | 1.7 | .6 | 1.1 | | | | | | | | 4.2 | 5.1 |
| NE | .6 | 1.1 | .2 | | | | | | | | | 1.9 | 4.4 |
| ENE | 1.1 | 3.7 | .5 | | | | | | | | | 4.5 | 4.1 |
| E | 2.6 | 2.7 | .8 | .1 | | | | | | | | 8.3 | 4.1 |
| ESE | 2.5 | 1.7 | .9 | | | | | | | | | 4.5 | 4.1 |
| SE | 1.7 | 1.9 | 1.6 | .2 | | | | | | | | 4.7 | 6.2 |
| SSE | 1.4 | 1.9 | 1.6 | 1.1 | .1 | | | | | | | 5.1 | 7.1 |
| S | 1.1 | 3.7 | 4.3 | 2.9 | .5 | .1 | | | | | | 12.5 | 8.8 |
| SSW | .5 | .1 | 1.4 | 1.8 | .1 | | | | | | | 4.2 | 5.4 |
| SW | .6 | .9 | .2 | .7 | .1 | | | | | | | 2.5 | 7.5 |
| WSW | .7 | .7 | 1.1 | .8 | .1 | | | | | | | 3.5 | 8.2 |
| W | 1.1 | 1.9 | 2.7 | .4 | | | | | | | | 5.1 | 9.3 |
| WNW | .7 | 1.3 | .5 | .7 | | | | | | | | 3.2 | 6.7 |
| NW | 1.4 | 2.2 | .8 | .5 | | | | | | | | 4.9 | 5.2 |
| NNW | 1.7 | 2.7 | 2.9 | 1.3 | | | | | | | | 8.2 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.0 | |
| | 19.7 | 30.9 | 2.8 | 13.5 | 1.3 | .1 | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 537

CLERICAL CLIMATOLOGY BRANCH
 U.S. AIR FORCE
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: FT CAMPBELL KY 73-81
 STATION NAME: ALL WEATHER
 CLASS: ALL WEATHER
 CONDITION: ALL WEATHER
 MONTH: 100-2300
 NO. OBSERVATIONS: 837

| WIND DIR | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 2.2 | 2.9 | 2.9 | 1.9 | .5 | | | | | | | 10.3 | 7.7 |
| NNE | 1.2 | 3.1 | 1.0 | .6 | | | | | | | | 5.9 | 5.9 |
| NE | .5 | 1.2 | .1 | .2 | | | | | | | | 2.7 | 5.2 |
| ENE | .6 | 1.7 | .8 | | | | | | | | | 3.1 | 5.5 |
| E | 2.3 | 2.5 | 1.6 | | | | | | | | | 6.3 | 4.9 |
| ESE | 1.7 | 1.4 | .4 | | | | | | | | | 3.5 | 3.9 |
| SE | 1.8 | 1.7 | .8 | .5 | | | | | | | | 4.8 | 5.6 |
| SSE | 1.8 | 2.7 | 1.3 | .7 | .4 | .1 | | | | | | 7.7 | 6.6 |
| S | 1.6 | 3.7 | 4.9 | 3.0 | .7 | | | | | | | 13.1 | 8.6 |
| SSW | .6 | 2.3 | 1.3 | .8 | .1 | | | | | | | 5.7 | 7.7 |
| SW | 1.7 | .5 | .5 | .5 | .2 | .1 | | | | | | 2.7 | 8.7 |
| WSW | .7 | .1 | .7 | .6 | | | | | | | | 2.2 | 7.2 |
| W | 1.2 | 1.6 | .7 | .7 | | .1 | | | | | | 4.3 | 6.8 |
| WNW | .3 | 1.1 | .4 | .2 | | | | | | | | 2.5 | 5.6 |
| NW | 1.3 | .5 | 1.7 | .2 | .1 | | | | | | | 3.1 | 6.0 |
| NNW | 1.7 | 1.3 | 1.1 | 1.2 | .1 | | | | | | | 4.7 | 7.6 |
| VARBL | | | | | | | | | | | | 19.5 | |
| CALM | | | | | | | | | | | | | |
| | 23.2 | 27.5 | 19.4 | 11.2 | 2.2 | .4 | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS

837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74671 STATION FT CAMPBELL KY 73-81 YEARS

MAP NORTH ALL HOURS (LST)

ALL WEATHER

CLASS

CONDITION

| SPEED KNOTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 2.3 | 2.3 | 1.9 | .2 | | | | | | | 8.7 | 7.3 |
| NNE | .8 | 1.7 | 1.7 | .7 | .1 | | | | | | | 4.1 | 6.8 |
| NE | .7 | 1.7 | .5 | .2 | .0 | | | | | | | 2.5 | 5.8 |
| ENE | .8 | 1.4 | .7 | .1 | .0 | | | | | | | 3.1 | 5.4 |
| E | 1.8 | 2.7 | 2.4 | .5 | | | | | | | | 7.4 | 5.9 |
| ESE | 1.4 | 2.1 | 1.1 | .3 | .0 | | | | | | | 4.9 | 5.4 |
| SE | 1.4 | 2.0 | 1.3 | .5 | .1 | | | | | | | 5.2 | 6.2 |
| SSE | 1.5 | 1.8 | 1.8 | 1.0 | .2 | .0 | | | | | | 6.5 | 7.1 |
| S | 1.7 | 2.9 | 3.7 | 2.6 | .6 | .0 | .0 | | | | | 10.9 | 8.7 |
| SSW | .6 | 1.2 | 2.0 | 2.3 | .5 | .1 | .0 | | | | | 6.7 | 10.1 |
| SW | .6 | .8 | 1.1 | 1.5 | .5 | .1 | | | | | | 4.6 | 10.1 |
| WSW | .4 | .7 | 1.1 | 1.4 | .3 | | | | | | | 3.8 | 10.1 |
| W | .6 | 1.5 | 1.8 | 1.5 | .1 | . | | | | | | 5.6 | 8.5 |
| WNW | .6 | 1.2 | 1.5 | 1.1 | .1 | .7 | | | | | | 4.5 | 8.4 |
| NW | .8 | 1.4 | 1.8 | 1.0 | .1 | .0 | | | | | | 5.1 | 7.8 |
| NNW | .7 | 1.9 | 2.1 | 1.7 | .2 | | | | | | | 6.6 | 8.5 |
| VARBL | | | | | | | | | | | | 10.6 | |
| CALM | 15.7 | 26.7 | 26.1 | 18.2 | 3.0 | .4 | .0 | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 6696

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710 FT CAMPBELL KY 73-81 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0000-0000
HOURS (LST)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | 1.7 | 1.1 | .6 | .1 | | | | | | | 5.8 | 5.4 |
| NNE | 1.6 | 1.7 | 1.1 | .7 | | | | | | | | 4.7 | 5.1 |
| NE | 1.4 | 2.1 | .9 | | | | | | | | | 4.3 | 4.4 |
| ENE | .6 | 1.0 | .7 | | | | | | | | | 2.3 | 5.5 |
| E | 2.2 | .7 | .4 | | | | | | | | | 3.3 | 3.2 |
| ESE | 2.5 | .9 | .4 | | | | | | | | | 3.7 | 3.1 |
| SE | 1.5 | 2.0 | .6 | .1 | | | | | | | | 4.2 | 4.4 |
| SSE | 1.1 | 2.8 | .9 | .5 | | | | | | | | 5.3 | 5.3 |
| S | 2.5 | 4.9 | 3.1 | 1.2 | .4 | | | | | | | 12.1 | 6.5 |
| SSW | 1.4 | 1.1 | .7 | 1.2 | .1 | | | | | | | 4.6 | 7.9 |
| SW | 1.2 | .7 | .6 | .7 | .4 | .1 | | | | | | 3.8 | 8.2 |
| WSW | 1.0 | 1.0 | 1.1 | .5 | .2 | | | | | | | 3.8 | 7.3 |
| W | 1.2 | 1.9 | 1.4 | .1 | .1 | | | | | | | 4.7 | 5.7 |
| WNW | 1.0 | .7 | .2 | .2 | | | | | | | | 2.2 | 5.2 |
| NW | .6 | 1.1 | .7 | | | | | | | | | 2.5 | 5.3 |
| NNW | .7 | 1.5 | .9 | 1.1 | | | | | | | | 4.2 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.4 | |
| | 22.7 | 25.9 | 14.8 | 6.7 | 1.4 | .1 | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 810

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746717
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

APP
MONTH

1300-0500
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 1.5 | .9 | .4 | | | | | | | | 4.4 | 5.3 |
| NNE | 1.7 | 1.2 | 1.1 | .7 | | | | | | | | 4.8 | 5.9 |
| NE | 1.9 | 2.6 | 1.2 | | | | | | | | | 5.7 | 4.9 |
| ENE | .6 | 1.7 | | | | | | | | | | 1.6 | 3.9 |
| E | 2.5 | 1.5 | | | | | | | | | | 4.0 | 3.1 |
| ESE | 1.2 | 1.7 | | | | | | | | | | 3.0 | 3.5 |
| SE | 2.2 | 1.6 | .6 | | | | | | | | | 4.4 | 3.8 |
| SSE | 2.0 | 3.2 | .2 | .2 | | | | | | | | 5.7 | 4.3 |
| S | 2.5 | 3.3 | 1.5 | 2.3 | .2 | | | | | | | 9.9 | 7.1 |
| SSW | 1.7 | 2.1 | 2.0 | 1.2 | .5 | | | | | | | 7.5 | 7.7 |
| SW | 1.4 | 1.2 | 1.4 | .4 | .4 | | | | | | | 4.7 | 7.1 |
| WSW | 1.5 | 1.7 | 1.0 | .7 | .4 | | | | | | | 4.6 | 7.5 |
| W | 1.7 | 1.2 | .5 | .4 | .1 | | | | | | | 4.0 | 5.4 |
| WNW | 1.2 | 1.1 | .5 | .1 | | | | | | | | 3.0 | 4.7 |
| NW | 1.1 | .9 | .6 | .4 | .1 | | | | | | | 3.1 | 6.0 |
| NNW | .5 | 1.7 | 1.2 | .7 | .1 | | | | | | | 3.6 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 26.2 | |
| | 25.4 | 26.2 | 12.7 | 7.7 | 1.9 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS

810

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710 STATION FT CAMPBELL KY 73-81 YEARS APP NORTH 0600-2800 HOURS (LST)

ALL WEATHER CLASS

CONDITION

| SPEED KNTS DIR | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-53 | ≥56 | % | MEAN WIND SPEED |
|----------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.7 | 1.7 | 1.4 | 1.1 | .1 | | | | | | | 5.3 | 7.0 |
| NNE | .5 | .9 | .4 | .5 | | | | | | | | 2.2 | 6.9 |
| NE | 1.1 | 2.5 | 1.9 | .4 | | | | | | | | 5.8 | 5.9 |
| ENE | .7 | 2.4 | 1.1 | .2 | | | | | | | | 4.1 | 6.0 |
| E | 2.3 | 1.5 | 1.2 | .1 | | | | | | | | 5.2 | 4.9 |
| ESE | 1.6 | 1.4 | .7 | .1 | | | | | | | | 3.8 | 4.5 |
| SE | 1.9 | 2.7 | .4 | .1 | | | | | | | | 5.1 | 4.7 |
| SSE | 2.2 | 3.7 | 1.9 | .4 | | | | | | | | 8.1 | 5.5 |
| S | 2.3 | 3.8 | 3.2 | 1.1 | | | | | | | | 10.5 | 6.4 |
| SSW | 1.1 | 2.0 | 2.7 | 1.7 | .4 | | | | | | | 7.9 | 8.6 |
| SW | .5 | 2.2 | 2.2 | .5 | .4 | | | | | | | 5.8 | 7.8 |
| WSW | 1.1 | 1.6 | 1.6 | 1.2 | | | | | | | | 5.6 | 7.6 |
| W | .6 | 2.0 | 1.1 | 1.7 | .4 | | | | | | | 5.9 | 9.0 |
| WNW | .5 | 1.7 | 1.4 | .4 | | | | | | | | 3.2 | 6.9 |
| NW | .4 | 1.2 | .7 | .5 | | | | | | | | 2.8 | 6.6 |
| NNW | .1 | 1.1 | 1.6 | .5 | | | | | | | | 3.3 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.4 | |
| | 18.0 | 31.2 | 23.5 | 10.6 | 1.2 | | | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 810

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710

FT CAMPBELL KY

73-81

APP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

HOURS (LST)

CONDITION

| SPEED (KNTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 1.2 | 1.7 | .5 | .4 | | | | | | | 4.3 | 8.1 |
| NNE | 1.1 | .9 | 1.2 | .6 | | | | | | | | 3.8 | 6.9 |
| NE | .4 | 1.4 | .9 | .5 | | | | | | | | 3.1 | 6.7 |
| ENE | .4 | 1.7 | 2.0 | .4 | | | | | | | | 4.4 | 7.2 |
| E | 1.6 | 2.6 | 2.6 | .4 | | | | | | | | 7.2 | 5.9 |
| ESE | 1.0 | 2.2 | 2.0 | .1 | | | | | | | | 5.3 | 5.7 |
| SE | .7 | 1.4 | 1.4 | .1 | | | | | | | | 3.6 | 5.9 |
| SSE | 2.1 | 1.2 | 1.7 | 1.2 | | | | | | | | 6.3 | 6.5 |
| S | .7 | 1.7 | 4.0 | 3.8 | .2 | .1 | | | | | | 10.6 | 9.7 |
| SSW | .5 | 1.7 | 3.2 | 3.1 | .9 | .4 | | | | | | 9.8 | 10.7 |
| SW | .5 | .6 | 1.6 | 2.7 | .5 | .1 | | | | | | 6.0 | 10.9 |
| WSW | 1.0 | .7 | 2.1 | 2.3 | .6 | .4 | | | | | | 7.2 | 10.5 |
| W | 1.0 | 2.7 | 3.2 | 2.2 | 1.0 | | | | | | | 10.1 | 9.2 |
| WNW | .1 | .6 | 2.8 | 1.2 | | | | | | | | 4.8 | 9.1 |
| NW | .7 | 1.4 | 2.0 | .7 | | | | | | | | 4.8 | 7.6 |
| NNW | .2 | 1.0 | 3.3 | 1.5 | | | | | | | | 6.0 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.6 | |
| | 12.6 | 23.1 | 35.7 | 21.5 | 3.6 | 1.0 | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS

810

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746717
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED KNTS. DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 1.4 | 2.2 | 1.7 | .4 | | | | | | | 6.4 | 8.5 |
| NNE | .9 | 1.7 | 1.4 | .5 | .1 | | | | | | | 4.6 | 6.6 |
| NE | .7 | 1.6 | 1.4 | .5 | | | | | | | | 4.2 | 6.4 |
| ENE | .9 | 2.3 | 1.1 | .1 | .1 | | | | | | | 4.6 | 5.9 |
| E | 1.6 | 3.6 | 3.0 | | | | | | | | | 8.1 | 5.7 |
| ESE | .5 | 1.2 | .7 | | | | | | | | | 2.5 | 5.4 |
| SE | .2 | .4 | .9 | .2 | | | | | | | | 1.7 | 7.1 |
| SSE | .5 | 1.4 | 2.0 | 1.4 | | | | | | | | 5.2 | 8.2 |
| S | .6 | 1.5 | 3.6 | 4.2 | .6 | .2 | | | | | | 10.7 | 10.4 |
| SSW | .1 | .9 | 2.5 | 4.0 | .7 | .5 | | | | | | 8.6 | 12.2 |
| SW | .5 | .9 | .9 | 2.5 | .5 | .2 | .1 | | | | | 5.6 | 11.8 |
| WSW | .4 | 1.1 | 2.3 | 2.2 | .4 | .4 | | | | | | 6.9 | 10.6 |
| W | .2 | 1.5 | 3.1 | 3.3 | 1.0 | | | | | | | 9.1 | 10.8 |
| WNW | .6 | .7 | 4.1 | 1.9 | .2 | | | | | | | 7.5 | 9.4 |
| NW | .2 | 1.0 | 1.5 | 1.7 | | | | | | | | 4.4 | 9.3 |
| NNW | .5 | 2.1 | 3.5 | 1.6 | | | | | | | | 7.7 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.9 | |
| | 9.6 | 23.2 | 34.0 | 25.8 | 4.1 | 1.4 | .1 | | | | | 100.0 | 8.8 |

TOTAL NUMBER OF OBSERVATIONS

610

USAFETAC

FORM
JUL 64

CR-4 OL-A

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746717

FT CAMPBELL KY

73-81

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS - LST

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 2.5 | 4.2 | 1.6 | .2 | | | | | | | 10.2 | 7.8 |
| NNE | 1.2 | 1.7 | 1.2 | 1.2 | | | | | | | | 4.7 | 7.2 |
| NE | .5 | 1.7 | .5 | .1 | .1 | | | | | | | 3.0 | 5.9 |
| ENE | 1.0 | 2.2 | 1.2 | .1 | | | | | | | | 4.6 | 5.4 |
| E | 1.6 | 4.2 | 1.7 | | | | | | | | | 7.5 | 5.0 |
| ESE | 1.1 | 1.6 | .4 | | | | | | | | | 3.1 | 4.4 |
| SE | .5 | .7 | .9 | | | | | | | | | 2.1 | 5.8 |
| SSE | .2 | 1.2 | 1.5 | 1.7 | | | | | | | | 4.7 | 9.0 |
| S | .6 | 1.5 | 4.0 | 4.0 | .6 | .2 | | | | | | 10.9 | 10.4 |
| SSW | .4 | 1.1 | 3.0 | 2.0 | .6 | | | | | | | 7.0 | 9.9 |
| SW | .2 | 1.2 | 1.9 | 3.6 | .2 | | | | | | | 7.2 | 10.6 |
| WSW | .1 | .9 | 1.5 | 3.2 | .9 | | | | | | | 6.5 | 11.6 |
| W | .2 | 2.1 | 4.8 | 2.3 | .4 | .1 | | | | | | 10.0 | 9.6 |
| WNW | .6 | 1.6 | 2.3 | .9 | .4 | | | | | | | 5.8 | 8.1 |
| NW | .1 | 1.7 | 1.2 | .2 | | | | | | | | 3.3 | 6.8 |
| NNW | .6 | 1.7 | 2.8 | 1.4 | .1 | | | | | | | 6.7 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.7 | |
| | 10.9 | 27.0 | 33.1 | 22.3 | 3.6 | .4 | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746727 FT CAMPBELL KY 73-81 APP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
1800-2000
HOURS LST

| SPEED (KNTS) DIR | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 2.0 | 3.5 | 2.1 | 1.6 | | | | | | | | 9.1 | 6.4 |
| NNE | 1.2 | 1.6 | 1.5 | .5 | | | | | | | | 4.8 | 6.4 |
| NE | 1.1 | .5 | 1.0 | .4 | | | | | | | | 3.0 | 6.5 |
| ENE | .7 | 1.1 | .4 | .4 | | | | | | | | 2.6 | 5.7 |
| E | 4.3 | 2.8 | .7 | .1 | | | | | | | | 8.0 | 3.7 |
| ESE | 1.2 | .5 | .2 | | | | | | | | | 2.0 | 3.7 |
| SE | 1.6 | 1.1 | .2 | | | | | | | | | 3.1 | 3.8 |
| SSE | 1.0 | 2.0 | 2.0 | .5 | | | | | | | | 5.4 | 6.3 |
| S | 1.6 | 3.8 | 3.3 | 2.2 | | .1 | | | | | | 11.1 | 7.4 |
| SSW | 1.1 | 2.1 | .9 | .5 | .2 | .1 | | | | | | 4.9 | 7.3 |
| SW | .9 | 2.2 | 2.6 | .6 | .2 | | | | | | | 6.5 | 7.3 |
| WSW | 1.1 | 1.5 | .6 | .7 | .1 | | | | | | | 4.1 | 6.3 |
| W | 3.1 | 1.5 | 1.1 | 1.2 | .2 | | | | | | | 7.2 | 6.3 |
| WNW | .9 | 1.4 | .4 | .2 | | | | | | | | 2.8 | 5.3 |
| NW | .6 | .5 | .7 | .4 | | | | | | | | 2.2 | 6.7 |
| NNW | 2.1 | 1.6 | .9 | .6 | | | | | | | | 5.2 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.0 | |
| | 24.6 | 27.7 | 18.6 | 10.0 | .9 | .2 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74671
STATION

FT CAMPBELL KY

STATION NAME

72-81

YEARS

APR
MONTH

ALL WEATHER

CLASS

2100-2300

HOURS U.S.T.

CONDITION

| SPEED KNTS DIR | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|----------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.6 | 2.6 | 1.2 | 1.4 | .1 | | | | | | | 6.9 | 6.3 |
| NNE | 1.1 | 2.1 | 1.5 | .5 | | | | | | | | 5.2 | 6.1 |
| NE | 1.6 | 1.7 | .1 | .2 | | | | | | | | 3.2 | 3.9 |
| ENE | 1.0 | 2.7 | .6 | .1 | .1 | | | | | | | 3.3 | 5.3 |
| E | 1.9 | 1.5 | .4 | | | | | | | | | 3.7 | 3.7 |
| ESE | 1.6 | 1.1 | .1 | | | | | | | | | 2.8 | 3.3 |
| SE | 2.1 | 1.5 | .6 | .2 | | | | | | | | 4.4 | 4.6 |
| SSE | 2.7 | 3.7 | .7 | .6 | | | | | | | | 7.0 | 5.4 |
| S | 1.9 | 5.1 | 2.6 | 1.1 | | .1 | .1 | | | | | 10.9 | 6.6 |
| SSW | .7 | 1.6 | 1.0 | 1.2 | .1 | | | | | | | 4.7 | 7.5 |
| SW | 1.2 | .6 | 1.1 | .5 | | | | | | | | 3.5 | 6.3 |
| WSW | .9 | 1.5 | 1.0 | .4 | | .1 | | | | | | 3.8 | 6.6 |
| W | .9 | .6 | 1.2 | .5 | .2 | | | | | | | 3.5 | 7.6 |
| WNW | .7 | 1.2 | .4 | .2 | | | | | | | | 2.6 | 5.2 |
| NW | .7 | .5 | .4 | .1 | | | | | | | | 1.7 | 5.1 |
| NNW | 1.0 | .9 | 1.5 | .4 | | | | | | | | 3.7 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.8 | |
| | 23.9 | 27.4 | 14.4 | 7.5 | .6 | .2 | .1 | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746717 FT CAMPBELL KY 73-81
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
APD MONTH
ALL
HOURS - LST

| SPEED KNTS DIR | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|----------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.5 | 2.0 | 1.9 | 1.1 | .2 | | | | | | | 6.6 | 7.0 |
| NNE | 1.2 | 1.4 | 1.2 | .6 | .0 | | | | | | | 4.4 | 6.3 |
| NE | 1.1 | 1.7 | 1.0 | .3 | .0 | | | | | | | 4.0 | 5.5 |
| ENE | .7 | 1.7 | .9 | .2 | .0 | | | | | | | 3.5 | 5.7 |
| E | 2.3 | 2.3 | 1.2 | .1 | | | | | | | | 5.9 | 4.6 |
| ESE | 1.3 | 1.3 | .6 | .0 | | | | | | | | 3.3 | 4.3 |
| SE | 1.3 | 1.4 | .7 | .1 | | | | | | | | 3.6 | 4.7 |
| SSE | 1.4 | 2.4 | 1.4 | .8 | | | | | | | | 6.0 | 6.2 |
| S | 1.6 | 3.2 | 3.1 | 2.5 | .3 | .1 | .0 | | | | | 10.8 | 8.0 |
| SSW | .9 | 1.6 | 2.0 | 1.9 | .4 | .1 | | | | | | 6.9 | 9.3 |
| SW | .8 | 1.2 | 1.5 | 1.4 | .3 | .1 | .0 | | | | | 5.4 | 8.9 |
| WSW | .9 | 1.2 | 1.4 | 1.4 | .3 | .1 | | | | | | 5.3 | 8.9 |
| W | 1.1 | 1.7 | 2.1 | 1.5 | .4 | .0 | | | | | | 6.8 | 8.4 |
| WNW | .7 | 1.0 | 1.5 | .6 | .1 | | | | | | | 4.0 | 7.4 |
| NW | .6 | 1.0 | 1.0 | .5 | .0 | | | | | | | 3.1 | 7.0 |
| NNW | .7 | 1.4 | 2.0 | 1.0 | .0 | | | | | | | 5.0 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.5 | |
| | 18.1 | 26.5 | 23.3 | 14.0 | 2.1 | .4 | .0 | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 6480

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74671
STATION

FT CAMPBELL KY

STATION NAME

73-81

YEARS

MAY
MONTH

ALL WEATHER

CLASS

0000-2400
HOURS (L.S.T.)

CONDITION

| SPEED KNTS D.R. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.5 | 2.3 | 1.2 | .4 | | | | | | | | 7.3 | 4.5 |
| NNE | 1.7 | 1.7 | .2 | | | | | | | | | 3.6 | 3.8 |
| NE | 2.0 | 1.1 | .8 | .1 | | | | | | | | 4.1 | 4.3 |
| ENE | 1.0 | 1.0 | | | | | | | | | | 1.9 | 3.4 |
| E | 2.0 | .5 | .6 | | | | | | | | | 3.1 | 4.1 |
| ESE | 1.3 | .6 | .2 | | | | | | | | | 2.2 | 3.6 |
| SE | 2.0 | 1.2 | .1 | | | | | | | | | 3.3 | 3.2 |
| SSE | 2.4 | 1.4 | 1.7 | .1 | | | | | | | | 5.6 | 4.7 |
| S | 1.0 | 5.0 | 2.2 | .2 | | | | | | | | 10.4 | 5.1 |
| SSW | 2.4 | 1.6 | 1.1 | .4 | .2 | | | | | | | 5.6 | 5.5 |
| SW | 1.1 | .6 | .6 | .4 | | | | | | | | 2.6 | 5.9 |
| WSW | 1.2 | .6 | .5 | | | | | | | | | 2.3 | 3.9 |
| W | .7 | .5 | .2 | .1 | | | | | | | | 1.6 | 4.8 |
| WNW | .1 | .6 | .2 | | | | | | | | | 1.3 | 5.8 |
| NW | .5 | .7 | .2 | | | | | | | | | 1.4 | 4.5 |
| NNW | 1.2 | 1.1 | .5 | .1 | | | | | | | | 2.9 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 41.2 | |
| | 26.0 | 20.3 | 10.4 | 1.8 | .2 | | | | | | | 100.0 | 2.7 |

TOTAL NUMBER OF OBSERVATIONS

837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

74671
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

000-0500
HOURS U.S.T.

CONDITION

| SPEED KNOTS DIR | 3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-----------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|------|-----------------------|
| N | 1.1 | 2.5 | .7 | .2 | | | | | | | | 0.2 | 4.4 |
| NNE | 1.8 | 1.4 | 1.7 | | | | | | | | | 4.2 | 4.6 |
| NE | 2.3 | 1.7 | 1.7 | .1 | | | | | | | | 4.3 | 4.4 |
| ENE | 1.1 | 1.1 | | | | | | | | | | 2.2 | 3.4 |
| E | 2.5 | .6 | .4 | | | | | | | | | 3.1 | 3.1 |
| ESE | 2.7 | .4 | .4 | | | | | | | | | 2.7 | 3.1 |
| SE | 3.8 | 1.1 | .7 | | | | | | | | | 5.1 | 3.3 |
| SSE | 3.2 | 1.9 | .6 | .1 | | | | | | | | 5.7 | 3.6 |
| S | 3.6 | 4.5 | 1.3 | .2 | | | | | | | | 9.7 | 4.4 |
| SSW | 1.7 | 1.4 | 1.1 | .6 | | | | | | | | 4.9 | 5.9 |
| SW | 1.4 | .6 | 1.1 | .2 | | | | | | | | 3.3 | 5.4 |
| WSW | 1.6 | 1.1 | .1 | | | | | | | | | 1.7 | 3.4 |
| W | .6 | .6 | .4 | | | | | | | | | 1.6 | 4.5 |
| WNW | .4 | 1.3 | .1 | | | | | | | | | 1.4 | 4.2 |
| NW | .4 | .4 | .4 | | | | | | | | | 1.1 | 5.1 |
| NNW | 1.7 | .7 | 1.4 | | | | | | | | | 3.1 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 74.7 | |
| | 29.5 | 19.7 | 10.5 | 1.6 | | | | | | | | 13.3 | 2.6 |

TOTAL NUMBER OF OBSERVATIONS

837

OFFICIAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

74471 FT CAMPBELL KY 73-B1
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
MAY
MONTH
0900-1100
HOURS U.S.T.

| SPEED KNOTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 2.3 | 2.0 | 1.0 | | | | | | | | 6.1 | 5.5 |
| NNE | 1.2 | 1.6 | .8 | .5 | | | | | | | | 4.1 | 3.8 |
| NE | 1.2 | 1.6 | 1.8 | .1 | | | | | | | | 4.7 | 5.6 |
| ENE | 1.1 | 1.4 | 1.3 | .5 | | | | | | | | 4.8 | 6.5 |
| E | 1.6 | 2.3 | 1.7 | .2 | | | | | | | | 6.1 | 4.5 |
| ESE | 1.2 | 2.2 | 1.0 | | | | | | | | | 4.4 | 4.8 |
| SE | 1.2 | 2.6 | 1.6 | .1 | | | | | | | | 5.5 | 5.4 |
| SSE | 1.3 | 2.5 | 1.3 | .5 | | | | | | | | 5.7 | 5.0 |
| S | 1.7 | 3.6 | 2.7 | 1.8 | | | | | | | | 5.8 | 6.7 |
| SSW | 1.1 | 2.5 | 3.8 | 2.7 | | | | | | | | 10.2 | 8.3 |
| SW | .7 | .7 | 2.6 | 1.6 | .1 | | | | | | | 5.7 | 8.7 |
| WSW | .3 | 1.7 | 2.4 | 1.6 | .2 | | | | | | | 6.7 | 8.4 |
| W | 1.4 | 2.5 | 2.6 | .6 | | .1 | | | | | | 7.3 | 5.7 |
| WNW | 1.2 | 1.7 | .5 | .1 | | | | | | | | 3.2 | 4.9 |
| NW | .6 | 1.7 | .2 | .5 | | | | | | | | 2.5 | 6.0 |
| NNW | .6 | 2.3 | 2.6 | .6 | | | | | | | | 6.1 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.1 | |
| | 19.8 | 32.6 | 29.6 | 12.3 | .4 | .1 | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS

837

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

746715 FT CAMPBELL KY 73-81 MAY
STATION NAME CLASS MONTH
ALL WEATHER 1200-1400
CONDITION HOURS (L E T)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 3.1 | 4.1 | 1.0 | | | | | | | | 9.2 | 6.6 |
| NNE | .7 | 1.4 | 1.9 | .4 | | | | | | | | 4.4 | 7.0 |
| NE | 1.2 | 1.2 | 1.8 | .4 | | | | | | | | 4.5 | 6.3 |
| ENE | 1.4 | 2.0 | 1.2 | .1 | | | | | | | | 4.8 | 5.0 |
| E | 1.0 | 2.4 | 1.0 | .1 | | | | | | | | 5.3 | 4.7 |
| ESE | 1.8 | 1.9 | .4 | .1 | | | | | | | | 4.2 | 4.3 |
| SE | .7 | 1.2 | 1.0 | | | | | | | | | 2.9 | 5.6 |
| SSE | 1.2 | 1.6 | 1.9 | .6 | | | | | | | | 5.3 | 6.6 |
| S | 1.6 | 3.0 | 3.7 | 2.3 | .1 | | | | | | | 10.6 | 7.7 |
| SSW | .7 | 1.9 | 4.5 | 1.4 | | | | | | | | 8.6 | 7.8 |
| SW | .0 | 2.2 | 2.4 | 2.2 | .4 | | | | | | | 7.5 | 9.0 |
| WSW | .8 | .5 | 2.7 | 2.0 | .2 | .1 | | | | | | 6.6 | 9.8 |
| W | .5 | 1.4 | 3.2 | .7 | .1 | | | | | | | 6.3 | 7.8 |
| WNW | 1.3 | 1.7 | 1.3 | .5 | | | | | | | | 4.8 | 5.6 |
| NW | .6 | 1.9 | 1.9 | .4 | | | | | | | | 4.8 | 6.5 |
| NNW | 1.3 | 1.7 | 2.6 | .6 | | | | | | | | 6.2 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.4 | |
| | 17.2 | 29.2 | 35.6 | 12.7 | .8 | .1 | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710 STATION FT CAMPBELL KY 73-81 YEARS MAY MONTH
1500-1700 HOURS (LST)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS.) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 1.2 | 4.5 | .6 | | | | | | | | 7.6 | 7.3 |
| NNE | .7 | 2.4 | 1.2 | 1.2 | | | | | | | | 5.5 | 7.1 |
| NE | 1.4 | .3 | 1.0 | .1 | | | | | | | | 3.3 | 4.3 |
| ENE | 1.1 | 1.7 | .8 | .1 | | | | | | | | 3.7 | 5.2 |
| E | 1.6 | 3.0 | .5 | .1 | | | | | | | | 5.1 | 4.3 |
| ESE | 1.2 | .7 | | | | | | | | | | 1.9 | 3.3 |
| SE | 1.3 | 2.2 | .2 | | | | | | | | | 3.7 | 4.1 |
| SSE | 1.2 | 2.2 | 1.7 | .1 | | | | | | | | 5.1 | 5.4 |
| S | 2.4 | 2.7 | 5.4 | 1.4 | .2 | | | | | | | 12.2 | 7.1 |
| SSW | .4 | 2.6 | 3.2 | 1.6 | .1 | | | | | | | 7.9 | 8.1 |
| SW | .1 | 1.8 | 3.0 | .8 | .2 | | | | | | | 6.3 | 8.6 |
| WSW | 1.2 | 2.3 | 3.1 | 1.7 | .2 | .1 | | | | | | 6.6 | 8.3 |
| W | 1.1 | 1.9 | 1.9 | 1.0 | | | | | | | | 5.9 | 7.1 |
| WNW | .9 | 1.6 | 1.6 | .1 | | | | | | | | 4.1 | 5.6 |
| NW | 1.0 | 1.9 | 1.2 | .4 | | | | | | | | 4.4 | 6.0 |
| NNW | 1.2 | 2.7 | 3.2 | .8 | | | | | | | | 8.0 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.9 | |
| | 17.3 | 32.3 | 32.5 | 10.0 | .8 | .1 | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710 FT CAMPBELL KY 73-81 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1800-2600
HOURS (LST)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.7 | 3.5 | 2.0 | .7 | | | | | | | | 9.0 | 5.5 |
| NNE | 1.5 | 1.7 | 1.0 | .1 | | | | | | | | 3.0 | 4.5 |
| NE | 1.2 | .6 | .4 | .1 | | | | | | | | 3.0 | 3.7 |
| ENE | 2.7 | .7 | .5 | | | | | | | | | 3.9 | 3.2 |
| E | 2.6 | 1.7 | .4 | | | | | | | | | 3.9 | 3.4 |
| ESE | .8 | .8 | .1 | | | | | | | | | 1.9 | 4.7 |
| SE | 1.6 | 1.1 | .1 | | | | | | | | | 2.7 | 3.6 |
| SSE | 1.7 | 1.8 | .7 | | | | | | | | | 4.2 | 4.2 |
| S | 5.1 | 4.7 | 2.0 | .8 | .1 | .1 | | | | | | 12.9 | 5.1 |
| SSW | 1.9 | 2.0 | 1.4 | .2 | | | | | | | | 5.6 | 5.2 |
| SW | .4 | 1.3 | 1.3 | .1 | .1 | .1 | | | | | | 3.3 | 7.4 |
| WSW | 1.7 | 1.1 | .7 | .2 | | | | | | | | 3.7 | 5.0 |
| W | 1.8 | .9 | .4 | .2 | | | | | | | | 3.2 | 4.4 |
| WNW | 2.2 | 1.7 | .4 | .1 | | | | | | | | 3.6 | 3.7 |
| NW | 1.1 | .6 | .2 | | | | | | | | | 1.9 | 3.4 |
| NNW | 1.5 | 1.9 | 1.1 | | | | | | | | | 4.5 | 4.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.0 | |
| | 31.3 | 23.8 | 12.7 | 2.7 | .2 | .2 | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS 837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746713 FT CAMPBELL KY 73-81 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L & T)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.6 | 2.3 | 1.1 | .5 | | | | | | | | 6.5 | 4.9 |
| NNE | 3.2 | 1.7 | .8 | .1 | | | | | | | | 5.9 | 3.9 |
| NE | 2.5 | .6 | .4 | .2 | | | | | | | | 3.7 | 3.7 |
| ENE | 1.4 | .4 | .1 | | | | | | | | | 1.9 | 2.8 |
| E | 1.6 | 1.4 | .4 | | | | | | | | | 3.3 | 3.8 |
| ESE | 1.6 | 1.1 | .1 | | | | | | | | | 2.7 | 3.6 |
| SE | 1.7 | .6 | .1 | | | | | | | | | 2.4 | 3.3 |
| SSE | 2.6 | 1.6 | .8 | .1 | | | | | | | | 5.1 | 4.0 |
| S | 3.2 | 5.7 | 3.0 | .4 | .1 | | | | | | | 12.4 | 5.3 |
| SSW | 1.7 | 1.1 | .6 | .5 | | | | | | | | 3.5 | 5.5 |
| SW | 1.2 | .5 | .4 | | | | | | | | | 2.0 | 3.6 |
| WSW | .8 | 1.4 | .1 | .1 | | | | | | | | 2.5 | 4.6 |
| W | 1.0 | 1.0 | .7 | .4 | | | | | | | | 3.0 | 5.6 |
| WNW | .8 | .5 | .5 | | .1 | | | | | | | 1.9 | 5.4 |
| NW | 1.0 | .8 | .1 | | | | | | | | | 1.9 | 3.4 |
| NNW | 1.2 | .8 | .5 | | | | | | | | | 2.5 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 38.7 | |
| | 27.7 | 21.4 | 9.7 | 2.3 | .2 | | | | | | | 170.0 | 2.7 |

TOTAL NUMBER OF OBSERVATIONS 837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746717
STATION

FT CAMPBELL KY

STATION NAME

73-81

YEARS

MAY

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L & T)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | 2.6 | 2.3 | .6 | | | | | | | | 7.7 | 5.7 |
| NNE | 1.6 | 1.6 | 1.0 | .3 | | | | | | | | 4.5 | 5.3 |
| NE | 1.8 | 1.0 | 1.0 | .2 | | | | | | | | 4.2 | 4.8 |
| ENE | 1.4 | 1.3 | .6 | .1 | | | | | | | | 3.3 | 4.5 |
| E | 2.7 | 1.8 | .7 | .1 | | | | | | | | 4.5 | 4.2 |
| ESE | 1.4 | 1.1 | .4 | .0 | | | | | | | | 3.0 | 4.7 |
| SE | 1.7 | 1.6 | .5 | .0 | | | | | | | | 3.8 | 4.1 |
| SSE | 2.0 | 2.2 | 1.2 | .2 | | | | | | | | 5.6 | 4.9 |
| S | 3.0 | 4.2 | 3.0 | .9 | .1 | .0 | | | | | | 11.2 | 5.8 |
| SSW | 1.4 | 2.7 | 2.3 | 1.0 | .0 | .0 | | | | | | 6.8 | 6.9 |
| SW | .8 | 1.2 | 1.6 | .7 | .1 | .0 | | | | | | 4.5 | 7.6 |
| WSW | 1.2 | 1.4 | 1.3 | .7 | .1 | .0 | | | | | | 4.7 | 7.1 |
| W | 1.0 | 1.3 | 1.3 | .4 | .0 | .0 | | | | | | 4.0 | 6.3 |
| WNW | .9 | 1.0 | .6 | .1 | .0 | | | | | | | 2.6 | 5.0 |
| NW | .7 | 1.0 | .6 | .2 | | | | | | | | 2.5 | 5.4 |
| NNW | 1.0 | 1.6 | 1.7 | .3 | | | | | | | | 4.5 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.8 | |
| | 23.9 | 26.8 | 20.1 | 6.0 | .4 | .1 | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS

6696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

74671-
STATION

FT CAMPBELL KY

73-81

ALL WEATHER

CLASS

CONDITION

| SPEED KNTS: DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | 56 - 63 |
|-----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| N | 1.7 | 1.4 | 1.1 | .1 | | | | | | | |
| NNE | 1.5 | 1.2 | | .4 | | | | | | | |
| NE | 1.7 | .9 | | | | | | | | | |
| ENE | .6 | .6 | .1 | | | | | | | | |
| E | 1.7 | .5 | | | | | | | | | |
| ESE | 1.9 | .1 | | | | | | | | | |
| SE | 1.7 | .9 | | | | | | | | | |
| SSE | 3.1 | 3.1 | .1 | .1 | | | | | | | |
| S | 4.4 | 6.3 | 1.9 | .1 | | | | | | | |
| SSW | 3.0 | 2.6 | 1.1 | | | | | | | | |
| SW | 2.8 | 1.2 | 1.0 | .1 | | | | | | | |
| WSW | 1.6 | .5 | .5 | | | | | | | | |
| W | .7 | .4 | | | | | | | | | |
| WNW | .5 | .4 | | | | | | | | | |
| NW | 1.1 | .4 | .6 | | | | | | | | |
| NNW | .2 | .9 | .7 | | | | | | | | |
| VARBL | | | | | | | | | | | |
| CALM | | | | | | | | | | | |
| | 27.9 | 21.2 | 7.2 | .9 | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

610

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME
FT CAMPBELL KY

YEARS
73-81

MONTH
JUN

CLASS
ALL WEATHER

TIME
0300-0500
HOURS (LST)

CONDITION

| | 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------|------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.3 | 2.1 | 1.0 | | | | | | | | | 5.4 | 4.3 |
| NNE | 1.0 | .9 | .5 | .1 | | | | | | | | 3.1 | 3.8 |
| NNE | 1.0 | 1.2 | .2 | | | | | | | | | 3.0 | 3.6 |
| NNE | 1.5 | .6 | | | | | | | | | | 2.1 | 2.9 |
| NNE | .9 | .2 | | | | | | | | | | .7 | 2.7 |
| NNE | 1.2 | .2 | | | | | | | | | | 2.5 | 2.2 |
| NNE | 2.5 | .6 | | | | | | | | | | 3.1 | 2.6 |
| NNE | 2.0 | 2.3 | .4 | .2 | | | | | | | | 4.9 | 4.4 |
| N | 0.4 | 6.4 | 2.0 | .4 | | | | | | | | 14.2 | 4.6 |
| SSW | 1.1 | 3.3 | 1.4 | .1 | | | | | | | | 7.9 | 4.5 |
| SW | 1.1 | 1.1 | .4 | .1 | | | | | | | | 2.7 | 4.4 |
| WSW | 1.1 | .7 | .7 | .2 | | | | | | | | 2.8 | 5.7 |
| W | .6 | .4 | | | | | | | | | | 1.0 | 2.8 |
| WNW | .2 | .5 | .1 | | | | | | | | | .9 | 4.6 |
| NW | .4 | .2 | | | | | | | | | | .6 | 3.6 |
| NNW | .1 | .7 | .6 | | | | | | | | | 1.5 | 5.8 |
| YARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 43.6 | |
| | 26.2 | 21.7 | 7.3 | 1.2 | | | | | | | | 100.0 | 2.4 |

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

JUN
MONTH

ALL WEATHER
CLASS

507-0800
HOURS U.S.T.

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.7 | 1.6 | .5 | | | | | | | | 5.1 | 6.0 |
| NNE | .9 | 2.0 | 1.0 | .2 | | | | | | | | 4.1 | 5.5 |
| NE | 1.4 | 1.0 | .6 | | | | | | | | | 3.0 | 4.8 |
| ENE | .9 | 1.5 | .7 | | | | | | | | | 3.1 | 5.1 |
| E | .9 | 1.1 | .5 | .1 | | | | | | | | 2.0 | 5.0 |
| ESE | 1.6 | .7 | .2 | | | | | | | | | 2.6 | 3.3 |
| SE | 2.5 | .9 | .1 | | | | | | | | | 3.5 | 3.1 |
| SSE | 2.0 | 3.1 | .9 | .4 | | | | | | | | 6.3 | 4.9 |
| S | 4.9 | 7.4 | 4.2 | .7 | | | | | | | | 17.3 | 5.3 |
| SSW | 2.3 | 4.4 | 4.2 | .9 | | | | | | | | 11.9 | 6.1 |
| SW | 3.1 | 2.3 | 3.1 | 1.9 | | | | | | | | 12.4 | 6.9 |
| WSW | .7 | 2.1 | 1.4 | .9 | | | | | | | | 5.1 | 6.8 |
| W | 1.1 | 1.0 | 1.2 | .2 | | | | | | | | 3.6 | 5.5 |
| WNW | 1.2 | 1.0 | .2 | .1 | | | | | | | | 2.6 | 4.0 |
| NW | .1 | .6 | .2 | .1 | | | | | | | | 1.1 | 5.4 |
| NNW | .7 | .7 | .6 | .4 | | | | | | | | 2.5 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.6 | |
| | 25.6 | 31.6 | 20.9 | 6.4 | | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS

810

SECREAL CLIMATOLOGY BRANCH
 13AFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7407A FT CAMPBELL KY

73-81

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

900-1100

CLASS

HOURS LST

CONDITION

| SPEED KNTS DIR | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|----------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.4 | 2.7 | 2.7 | .7 | | | | | | | | 6.3 | 6.5 |
| NNE | .9 | 1.9 | 2.8 | .2 | | | | | | | | 5.8 | 6.9 |
| NE | .6 | 1.2 | 1.4 | .6 | | | | | | | | 3.8 | 6.8 |
| NNE | .7 | 1.5 | .9 | | | | | | | | | 3.1 | 4.9 |
| E | 1.4 | 1.2 | 1.4 | .1 | | | | | | | | 4.1 | 5.0 |
| ESE | 1.2 | 1.1 | | | | | | | | | | 2.3 | 3.0 |
| SE | .9 | 1.7 | .2 | | | | | | | | | 2.1 | 4.1 |
| SSE | .6 | 1.7 | .7 | | | | | | | | | 3.1 | 5.4 |
| S | 2.5 | 4.4 | 3.6 | 2.1 | | | | | | | | 12.6 | 6.7 |
| SSW | 1.5 | 3.3 | 6.4 | 2.2 | .1 | | | | | | | 13.6 | 7.7 |
| SW | 1.1 | 2.2 | 4.6 | 4.4 | .2 | | | | | | | 12.6 | 9.1 |
| WSW | .9 | 1.4 | 3.8 | 3.6 | | | | | | | | 9.6 | 9.1 |
| W | 1.2 | 2.5 | 2.7 | 1.1 | | | | | | | | 7.5 | 7.1 |
| WNW | .9 | 1.1 | 1.1 | .4 | | | | | | | | 3.5 | 6.0 |
| NW | .5 | .9 | .7 | .1 | | | | | | | | 2.2 | 5.9 |
| NNW | .6 | 1.4 | 1.6 | .1 | | | | | | | | 3.7 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.6 | |
| | 16.8 | 29.8 | 34.7 | 15.8 | .4 | | | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74671 FT CAMPBELL KY

73-81

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

12-1400

CONDITION

| SPEED KNTS DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 2.8 | 2.6 | 2.0 | | | | | | | | 8.6 | 7.5 |
| NNE | 1.1 | 1.4 | 1.6 | .7 | | | | | | | | 4.3 | 6.3 |
| NE | .6 | .5 | 1.0 | .2 | | | | | | | | 2.3 | 6.7 |
| ENE | .7 | 1.7 | .7 | .2 | | | | | | | | 3.5 | 5.6 |
| E | 1.1 | 1.2 | .7 | | | | | | | | | 3.1 | 4.4 |
| ESE | .5 | 1.4 | | | | | | | | | | 1.9 | 4.1 |
| SE | .4 | | .2 | | | | | | | | | .6 | 4.6 |
| SSE | 1.1 | .7 | 1.7 | .4 | | | | | | | | 3.3 | 6.1 |
| S | 2.2 | 3.5 | 4.1 | 1.7 | .2 | | | | | | | 11.7 | 7.2 |
| SSW | 1.1 | 2.3 | 5.9 | 4.8 | .5 | | | | | | | 14.2 | 9.6 |
| SW | .5 | 1.9 | 3.6 | 3.7 | .6 | | | | | | | 10.2 | 9.9 |
| WSW | .9 | 2.5 | 4.0 | 4.0 | .1 | .1 | | | | | | 11.5 | 9.3 |
| W | 1.5 | 2.5 | 2.0 | 1.0 | | | | | | | | 6.9 | 6.6 |
| WNW | .6 | 1.5 | 2.2 | .6 | | | | | | | | 4.9 | 7.3 |
| NW | .2 | 1.5 | 1.2 | .4 | | | | | | | | 3.3 | 6.9 |
| NNW | .5 | 2.5 | 1.4 | .4 | .1 | | | | | | | 4.8 | 6.6 |
| VARBL | | | | | | | | | | | | 4.2 | |
| CALM | | | | | | | | | | | | | |
| | 14.3 | 27.5 | 32.1 | 20.1 | 1.6 | .1 | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS

817

NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C.
 AIR WEATHER SERVICE/MAF

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: FT CAMPBELL KY STATION NAME: 73-81 YEARS: JUN MONTH: 1500-1700 HOURS (L.S.T.)
 CLASS: ALL WEATHER
 CONDITION:

| SPEED KNOTS OR | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|----------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.4 | 1.7 | 3.1 | 1.4 | | | | | | | | 7.5 | 7.4 |
| NNE | .6 | 1.6 | 1.4 | 1.1 | | .1 | | | | | | 4.8 | 7.9 |
| NE | .5 | 1.5 | .7 | .2 | | | | | | | | 3.2 | 5.2 |
| ENE | .7 | . | 1.0 | | | | | | | | | 2.3 | 5.7 |
| E | 1.4 | 1.2 | .4 | .1 | | | | | | | | 3.1 | 4.0 |
| ESE | .5 | .5 | .2 | | | | | | | | | 1.2 | 4.7 |
| SE | .7 | .2 | .1 | | | | | | | | | 1.1 | 3.5 |
| SSE | .7 | 1.4 | 1.1 | | .1 | | | | | | | 3.3 | 6.0 |
| S | 1.2 | 4.2 | 4.8 | 1.6 | | | | | | | | 11.9 | 7.0 |
| SSW | .9 | 4.2 | 8.2 | 3.6 | .6 | | | .1 | | | | 17.4 | 8.7 |
| SW | .7 | 2.7 | 4.8 | 3.7 | .1 | | | | | | | 12.1 | 9.9 |
| WSW | 1.0 | 3.3 | 2.5 | 1.6 | .1 | | | | | | | 8.5 | 7.2 |
| W | .5 | 3.2 | 3.2 | .5 | | | | | | | | 7.4 | 7.0 |
| WNW | .7 | 1.1 | 1.9 | .4 | | | | | | | | 4.1 | 6.7 |
| NW | .5 | 1.7 | .9 | .4 | .1 | | | | | | | 3.6 | 6.7 |
| NNW | 1.1 | 1.5 | .9 | .9 | | | | | | | | 4.3 | 6.6 |
| VARBL | | | | | | | | | | | | 4.3 | |
| CALM | | | | | | | | | | | | | |
| | 13.2 | 30.7 | 34.9 | 15.4 | 1.1 | .1 | | .1 | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
CHARTAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7467.
B*47.CM

FT CAMPBELL KY

77-81

42

STATION NAME

Y&C

ALL WEATHER

1500-2000

NO. 185

CANDITION

| SPEED KNOTS D.R. | 1-3 | 4-5 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----------------------|
| N | 1.6 | 1.6 | 1.6 | .5 | | | | | | | | 0.5 | 0.4 |
| NNE | 1.2 | 1.0 | .5 | .1 | | | | | | | | 2.8 | 4.7 |
| NE | 2.1 | .6 | .0 | | | | | | | | | 3.0 | 4.7 |
| ENE | 1.7 | 1.2 | .2 | | | | | | | | | 3.2 | 3.4 |
| E | 2.2 | .4 | | | | | | | | | | 2.5 | 2.5 |
| ESE | 1.2 | .6 | .1 | | | | | | | | | 1.7 | 3.4 |
| SE | 1.1 | .7 | .1 | | | | | | | | | 2.1 | 3.3 |
| SSE | .7 | 1.7 | .4 | | | | | | | | | 2.8 | 4.7 |
| S | 6.3 | 11.5 | 3.5 | .1 | | | | | | | | 11.4 | 4.6 |
| SSW | 2.8 | 4.7 | 3.3 | .5 | | .1 | | | | | | 11.1 | 5.6 |
| SW | .9 | 2.1 | 1.1 | .4 | | | | | | | | 4.4 | 5.0 |
| WSW | 1.0 | 1.5 | .6 | | | | | | | | | 1.1 | 4.6 |
| W | 1.5 | 1.7 | .5 | | | | | | | | | 3.7 | 4.2 |
| WNW | 1.0 | .6 | .1 | | | | | | | | | 2.5 | 3.1 |
| NW | 1.0 | 1.7 | .6 | .1 | | .1 | | | | | | 3.5 | 5.8 |
| NNW | .4 | 1.1 | .4 | .2 | | | | | | | | 2.1 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.5 | |
| | 27.7 | 33.7 | 14.0 | 2.0 | | .2 | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS

618

GLOBAL CLIMATOLOGY BRANCH
 JCAS/STAC
 ATC WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74671

FT CAMPBELL KY

73-81

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0100-2300

HOURS LST

CONDITION

| SPEED KNTS DIR | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|----------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.6 | 1.7 | .9 | .1 | | | | | | | | 1.1 | 4.7 |
| NNE | 2.2 | .6 | | .3 | | | | | | | | 1.1 | 7.0 |
| NE | 2.2 | .7 | | .1 | | | | | | | | 2.4 | 3.5 |
| ENE | 1.4 | .5 | .2 | | | | | | | | | 2.3 | 3.5 |
| E | .7 | .1 | | | | | | | | | | .9 | 2.3 |
| ESE | 1.5 | .5 | | | | | | | | | | 1.9 | 2.4 |
| SE | 2.2 | .4 | | | | | | | | | | 2.3 | 2.6 |
| SSE | 4.1 | 3.3 | .6 | | | | | | | | | 3.0 | 3.7 |
| S | 4.6 | 7.7 | 1.3 | .2 | | | | | | | | 15.5 | 4.9 |
| SSW | 2.8 | 4.2 | 1.6 | .5 | | | | | | | | 9.1 | 4.0 |
| SW | 2.1 | .7 | .6 | | | | | | | | | 3.1 | 3.0 |
| WSW | .9 | .7 | .1 | .1 | | | | | | | | 1.9 | 2.9 |
| W | .9 | .7 | .1 | | | | | | | | | 1.2 | 3.1 |
| WNW | .1 | .2 | | .1 | | | | | | | | .7 | 4.8 |
| NW | .6 | .5 | | | | | | | | | | 1.1 | 3.0 |
| NNW | .6 | .5 | .5 | | | .1 | | | | | | 1.7 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 79.9 | |
| | 29.5 | 22.0 | 8.1 | 1.4 | | .1 | | | | | | 100.0 | 2.0 |

TOTAL NUMBER OF OBSERVATIONS

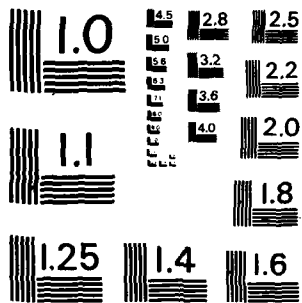
AD-A128 113

FORT CAMPBELL CAMPBELL AAF KENTUCKY REVISED UNIFORM
SUMMARY OF SURFACE WE..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 82
UNCLASSIFIED USAFETAC/DS-82/063 SBI-AD-E850 364

F/G 4/2

NL

2/5



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710

FT CAMPBELL KY

73-81

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | 1.9 | 1.8 | .7 | | | | | | | | 6.0 | 6.1 |
| NNE | 1.2 | 1.3 | 1.0 | .4 | | .0 | | | | | | 3.9 | 5.8 |
| NE | 1.3 | .9 | .6 | .2 | | | | | | | | 3.0 | 4.8 |
| ENE | 1.0 | 1.1 | .5 | .0 | | | | | | | | 2.6 | 4.5 |
| E | 1.2 | .7 | .4 | .0 | | | | | | | | 2.4 | 3.9 |
| ESE | 1.3 | .6 | .1 | | | | | | | | | 2.0 | 3.0 |
| SE | 1.5 | .6 | .1 | | | | | | | | | 2.2 | 3.2 |
| SSE | 1.8 | 2.2 | .6 | .1 | .0 | | | | | | | 4.8 | 4.6 |
| S | 4.0 | 6.4 | 3.4 | .9 | .0 | | | | | | | 14.7 | 5.4 |
| SSW | 2.2 | 3.6 | 4.0 | 1.6 | .2 | .0 | | .0 | | | | 11.5 | 6.9 |
| SW | 1.5 | 1.8 | 2.4 | 1.8 | .1 | | | | | | | 7.6 | 7.6 |
| WSW | 1.0 | 1.6 | 1.7 | 1.3 | .0 | .0 | | | | | | 5.6 | 7.5 |
| W | 1.0 | 1.5 | 1.2 | .4 | | | | | | | | 4.1 | 6.0 |
| WNW | .8 | .8 | .7 | .2 | | | | | | | | 2.5 | 5.6 |
| NW | .6 | .9 | .5 | .1 | .0 | .0 | | | | | | 2.2 | 5.8 |
| NNW | .5 | 1.2 | .8 | .2 | .0 | .0 | | | | | | 2.8 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.1 | |
| | 22.5 | 27.2 | 19.9 | 7.9 | .4 | .1 | | .0 | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS

6480

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLAS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 1.3 | .4 | .1 | | | | | | | | 4.1 | 4.0 |
| NNE | 1.9 | .7 | .1 | | | | | | | | | 2.7 | 2.9 |
| NE | 1.9 | .8 | | | | | | | | | | 2.7 | 2.7 |
| ENE | .6 | .6 | .2 | | | | | | | | | 1.4 | 4.3 |
| E | 1.2 | .6 | .1 | | | | | | | | | 1.9 | 3.4 |
| ESE | 1.3 | .2 | | | | | | | | | | 1.6 | 2.5 |
| SE | 1.1 | .1 | | | | | | | | | | 1.2 | 2.2 |
| SSE | 1.9 | 1.1 | .1 | | | | | | | | | 3.1 | 3.3 |
| S | 5.6 | 3.5 | .4 | .1 | | | | | | | | 9.4 | 3.3 |
| SSW | 4.4 | 1.8 | .8 | | | | | | | | | 7.0 | 3.4 |
| SW | 2.7 | 1.1 | | .1 | | | | | | | | 3.9 | 3.2 |
| WSW | 1.4 | .8 | | | | | | | | | | 2.3 | 2.8 |
| W | 1.1 | .2 | .2 | | | | | | | | | 1.6 | 3.8 |
| WNW | .4 | .4 | | | | | | | | | | .7 | 3.3 |
| NW | | .4 | | | | | | | | | | .4 | 4.3 |
| NNW | .5 | .5 | | | | | | | | | | 1.0 | 3.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 55.0 | |
| | 28.2 | 14.1 | 2.4 | .4 | | | | | | | | 100.0 | 1.5 |

TOTAL NUMBER OF OBSERVATIONS

837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710

FT CAMPBELL KY

73-81

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | 1.8 | .4 | | | | | | | | | 3.7 | 4.0 |
| NNE | 2.2 | 1.2 | .2 | | | | | | | | | 3.6 | 3.3 |
| NE | 1.2 | .1 | .2 | | | | | | | | | 1.6 | 3.0 |
| ENE | .7 | .4 | .1 | | | | | | | | | 1.2 | 4.0 |
| E | .5 | .2 | .2 | | | | | | | | | 1.0 | 4.8 |
| ESE | 1.3 | | | | | | | | | | | 1.3 | 1.8 |
| SE | 2.2 | .6 | | | | | | | | | | 2.7 | 2.5 |
| SSE | 2.0 | .8 | .2 | | | | | | | | | 3.1 | 3.3 |
| S | 5.1 | 3.9 | .5 | .2 | | | | | | | | 9.8 | 3.6 |
| SSW | 3.8 | 2.3 | .1 | | | | | | | | | 6.2 | 3.4 |
| SW | 2.4 | 1.8 | .1 | | | | | | | | | 4.3 | 3.2 |
| WSW | 1.6 | .6 | .1 | | | | | | | | | 2.3 | 2.9 |
| W | 1.0 | .5 | .1 | | | | | | | | | 1.6 | 3.4 |
| WNW | .1 | .1 | | | | | | | | | | .2 | 4.5 |
| NW | .1 | | | | | | | | | | | .1 | 2.0 |
| NNW | .5 | .1 | | | | | | | | | | .6 | 2.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 56.8 | |
| | 26.2 | 14.5 | 2.4 | .2 | | | | | | | | 100.0 | 1.4 |

TOTAL NUMBER OF OBSERVATIONS

837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746713

FT CAMPBELL KY

73-81

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

3600-0800

CLASS

HOURS (L & T)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | 1.7 | .2 | | | | | | | | | 3.5 | 3.6 |
| NNE | 1.1 | 2.0 | .7 | | | | | | | | | 3.8 | 4.6 |
| NE | 1.1 | 1.4 | .8 | | | | | | | | | 3.3 | 5.0 |
| ENE | 1.2 | 1.3 | .5 | | | | | | | | | 3.0 | 4.1 |
| E | 2.0 | 1.6 | | | | | | | | | | 3.6 | 3.2 |
| ESE | 2.0 | .6 | .2 | .1 | | | | | | | | 3.0 | 3.4 |
| SE | 1.4 | 1.9 | | | | | | | | | | 3.3 | 3.3 |
| SSE | 1.3 | 1.4 | .4 | | | | | | | | | 3.1 | 4.4 |
| S | 4.3 | 4.7 | 1.7 | .4 | | | | | | | | 11.0 | 4.4 |
| SSW | 2.9 | 6.1 | 1.8 | .1 | | | | | | | | 10.9 | 4.7 |
| SW | 2.3 | 3.6 | 2.5 | .2 | | | | | | | | 8.6 | 5.3 |
| WSW | 3.0 | 2.4 | 1.6 | .1 | | | | | | | | 7.0 | 4.6 |
| W | 1.4 | 2.3 | .6 | .1 | | | | | | | | 4.4 | 4.5 |
| WNW | 1.9 | 1.0 | .1 | | | | | | | | | 3.0 | 3.1 |
| NW | .4 | .6 | .2 | .1 | | | | | | | | 1.3 | 5.7 |
| NNW | .4 | 1.0 | .1 | .1 | | | | | | | | 1.6 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.6 | |
| | 28.2 | 33.5 | 11.5 | 1.3 | | | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 2.2 | 1.0 | .4 | | | | | | | | 5.4 | 4.8 |
| NNE | 1.4 | .8 | 1.2 | .1 | | | | | | | | 3.6 | 5.1 |
| NE | 1.0 | .7 | 1.6 | .1 | | | | | | | | 3.3 | 5.9 |
| ENE | 1.1 | 1.2 | 1.0 | | | | | | | | | 3.2 | 5.1 |
| E | 2.2 | 1.8 | 1.1 | | | | | | | | | 5.0 | 4.4 |
| ESE | 1.8 | 1.2 | .6 | | | | | | | | | 3.6 | 4.1 |
| SE | 1.1 | .4 | .5 | .2 | | | | | | | | 2.2 | 4.7 |
| SSE | 1.0 | 1.3 | .8 | | | | | | | | | 3.1 | 5.1 |
| S | 1.0 | 3.7 | 2.5 | .1 | | | | | | | | 7.3 | 5.7 |
| SSW | 2.0 | 4.2 | 4.3 | .7 | | | | | | | | 11.2 | 6.2 |
| SW | 1.3 | 2.5 | 3.2 | .8 | .1 | | | | | | | 8.0 | 6.9 |
| WSW | 1.2 | 4.4 | 3.5 | 1.0 | | | | | | | | 10.0 | 6.7 |
| W | 4.2 | 4.9 | 3.7 | .8 | | | | | | | | 13.6 | 5.4 |
| WNW | 1.8 | 2.2 | 1.3 | | | | | | | | | 5.3 | 4.9 |
| NW | 1.0 | 1.3 | .6 | | | | | | | | | 2.9 | 4.9 |
| NNW | 1.0 | 1.9 | .5 | .1 | | | | | | | | 3.5 | 4.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.8 | |
| | 24.7 | 34.6 | 27.2 | 4.4 | .1 | | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 2.2 | 1.7 | .4 | | | | | | | | 5.9 | 5.8 |
| NNE | 1.4 | 1.9 | 1.2 | .2 | | | | | | | | 4.8 | 5.6 |
| NE | .7 | 1.2 | 1.1 | .1 | | | | | | | | 3.1 | 5.7 |
| ENE | 1.1 | 1.2 | 1.1 | .4 | | | | | | | | 3.7 | 5.5 |
| E | 1.8 | 1.8 | .6 | .1 | | | | | | | | 4.3 | 4.5 |
| ESE | 1.3 | 1.0 | .8 | | | | | | | | | 3.1 | 4.7 |
| SE | 1.0 | .6 | .4 | .1 | | | | | | | | 2.0 | 4.5 |
| SSE | 1.0 | 1.1 | 1.1 | .1 | | | | | | | | 3.2 | 5.3 |
| S | 1.4 | 2.9 | 2.4 | .4 | | | | | | | | 7.0 | 6.0 |
| SSW | 1.1 | 3.2 | 3.1 | .7 | | | | | | | | 8.1 | 6.6 |
| SW | .5 | 3.0 | 3.3 | 1.8 | .1 | | | | | | | 8.7 | 8.1 |
| WSW | 1.6 | 3.0 | 4.4 | 1.4 | | | | | | | | 10.4 | 7.3 |
| W | 2.2 | 4.4 | 5.1 | 1.0 | | | | | | | | 12.7 | 6.3 |
| WNW | 1.8 | 3.0 | 1.6 | .1 | | | | | | | | 6.5 | 5.2 |
| NW | 1.1 | 1.7 | 1.1 | | .1 | | | | | | | 3.9 | 5.5 |
| NNW | 1.3 | 2.3 | 1.6 | .1 | | | | | | | | 5.3 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.3 | |
| | 20.8 | 34.3 | 30.5 | 6.9 | .2 | | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNT'S) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|--------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 3.2 | 3.1 | .7 | | | | | | | | 8.2 | 6.7 |
| NNE | .5 | 1.8 | 2.2 | .1 | | | | | | | | 4.5 | 6.8 |
| NE | 1.0 | 1.2 | 1.0 | .2 | | | | | | | | 3.3 | 5.4 |
| ENE | .7 | 1.7 | .8 | | | | | | | | | 3.2 | 4.9 |
| E | 1.1 | 1.4 | .2 | | | | | | | | | 2.7 | 3.8 |
| ESE | 1.2 | .8 | .4 | | | | | | | | | 2.4 | 3.7 |
| SE | .7 | 1.2 | .5 | | | | | | | | | 2.4 | 5.0 |
| SSE | .8 | 2.4 | .6 | | | | | | | | | 3.8 | 4.8 |
| S | 1.6 | 3.1 | 3.5 | .2 | | | | | | | | 8.4 | 5.9 |
| SSW | 1.7 | 3.2 | 3.5 | .7 | | | | | | | | 9.1 | 6.4 |
| SW | 1.3 | 1.8 | 3.9 | .8 | | | | | | | | 7.9 | 7.0 |
| WSW | 1.6 | 3.7 | 3.8 | 1.0 | | | | | | | | 10.0 | 6.7 |
| W | 1.9 | 4.7 | 3.5 | | | | | | | | | 10.0 | 5.7 |
| WNW | 2.6 | 3.0 | 1.4 | .2 | | | | | | | | 7.3 | 4.9 |
| NW | .6 | 2.3 | .2 | | | | | | | | | 3.1 | 4.6 |
| NNW | 1.2 | 1.9 | 1.0 | | | | | | | | | 4.1 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.4 | |
| | 19.6 | 37.4 | 29.5 | 4.1 | | | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS

837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.2 | 1.3 | .5 | | | | | | | | | 5.0 | 3.4 |
| NNE | 1.7 | 1.7 | 1.0 | .2 | | | | | | | | 4.5 | 4.9 |
| NE | 1.9 | .5 | .4 | | | | | | | | | 2.7 | 3.1 |
| ENE | 2.0 | .7 | .1 | | | | | | | | | 2.9 | 3.1 |
| E | 1.4 | .4 | .1 | | | | | | | | | 1.9 | 2.4 |
| ESE | 1.4 | 1.0 | | | | | | | | | | 2.4 | 3.7 |
| SE | 1.7 | .7 | .2 | | | | | | | | | 2.6 | 3.2 |
| SSE | 1.2 | 1.2 | | .1 | .1 | | | | | | | 2.6 | 4.5 |
| S | 4.8 | 5.5 | 1.1 | | | | | | | | | 11.4 | 3.9 |
| SSW | 3.6 | 3.0 | 1.0 | | | | | | | | | 7.5 | 4.2 |
| SW | 1.6 | 3.3 | .5 | | | .1 | | | | | | 5.5 | 4.7 |
| WSW | 2.2 | 2.4 | .7 | .2 | | | | | | | | 5.5 | 4.4 |
| W | 2.3 | 1.1 | .2 | | | | | | | | | 3.6 | 3.1 |
| WNW | 1.2 | 1.9 | .1 | | | | .1 | | | | | 3.3 | 5.0 |
| NW | 1.3 | 1.2 | .1 | .1 | | | | | | | | 2.7 | 4.0 |
| NNW | 1.4 | .7 | .7 | .1 | | .1 | | | | | | 3.1 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 32.6 | |
| | 32.9 | 26.5 | 6.7 | .8 | .1 | .2 | .1 | | | | | 100.0 | 2.7 |

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | 1.0 | .6 | | | | | | | | | 3.7 | 3.9 |
| NNE | 2.7 | .5 | .6 | | | | | | | | | 3.8 | 3.3 |
| NE | 1.8 | .5 | .1 | | | | | | | | | 2.4 | 2.9 |
| ENE | .5 | .6 | .2 | | | | | | | | | 1.3 | 4.3 |
| E | .4 | .2 | .2 | | | | | | | | | .8 | 4.6 |
| ESE | 1.3 | .4 | .1 | | | | | | | | | 1.8 | 2.8 |
| SE | 1.6 | .7 | .1 | | | | | | | | | 2.4 | 3.0 |
| SSE | 1.8 | 1.9 | .4 | | | | | | | | | 4.1 | 4.1 |
| S | 4.5 | 5.4 | .7 | | .1 | | | | | | | 10.8 | 4.0 |
| SSW | 3.0 | 1.2 | 1.0 | .1 | | | | | | | | 5.3 | 4.1 |
| SW | 1.8 | .7 | .2 | | | | | | | | | 2.7 | 3.5 |
| WSW | 1.3 | 1.4 | .4 | | | | | | | | | 3.1 | 3.7 |
| W | 1.6 | .2 | .1 | | | | | | | | | 1.9 | 3.1 |
| WNW | .4 | .2 | .1 | | | | | | | | | .7 | 3.7 |
| NW | .1 | .1 | .4 | | | | | | | | | .6 | 6.4 |
| NNW | .6 | .1 | | | | | | | | | | .7 | 2.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 53.9 | |
| | 25.4 | 15.2 | 5.3 | .1 | .1 | | | | | | | 100.0 | 1.7 |

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 1.8 | 1.0 | .2 | | | | | | | | 4.9 | 4.8 |
| NNE | 1.6 | 1.3 | .9 | .1 | | | | | | | | 3.9 | 4.7 |
| NE | 1.3 | .8 | .6 | .1 | | | | | | | | 2.8 | 4.4 |
| ENE | 1.0 | 1.0 | .5 | .0 | | | | | | | | 2.5 | 4.5 |
| E | 1.3 | 1.1 | .3 | .0 | | | | | | | | 2.7 | 3.9 |
| ESE | 1.5 | .6 | .3 | .0 | | | | | | | | 2.4 | 3.5 |
| SE | 1.3 | .8 | .2 | .0 | | | | | | | | 2.4 | 3.6 |
| SSE | 1.4 | 1.4 | .4 | .0 | .0 | | | | | | | 3.3 | 4.4 |
| S | 3.5 | 4.1 | 1.6 | .2 | .0 | | | | | | | 9.4 | 4.5 |
| SSW | 2.8 | 3.1 | 1.9 | .3 | | | | | | | | 8.2 | 5.1 |
| SW | 1.7 | 2.2 | 1.7 | .5 | .0 | .0 | | | | | | 6.2 | 5.8 |
| WSW | 1.7 | 2.3 | 1.8 | .5 | | | | | | | | 6.3 | 5.8 |
| W | 1.9 | 2.3 | 1.7 | .2 | | | | | | | | 6.2 | 5.3 |
| WNW | 1.3 | 1.5 | .6 | .0 | | | .0 | | | | | 3.4 | 4.7 |
| NW | .6 | .9 | .3 | .0 | .0 | | | | | | | 1.9 | 4.9 |
| NNW | .9 | 1.1 | .5 | .1 | | .0 | | | | | | 2.5 | 4.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 31.2 | |
| | 25.7 | 26.3 | 14.4 | 2.3 | .1 | .0 | .0 | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS

6696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.8 | 1.3 | .4 | | | | | | | | | 3.5 | 3.5 |
| NNE | 3.5 | 1.9 | .4 | .1 | | | | | | | | 5.9 | 3.7 |
| NE | 1.2 | .8 | .1 | | | | | | | | | 2.2 | 3.4 |
| ENE | .2 | .5 | | | | | | | | | | .7 | 4.2 |
| E | .5 | .2 | | | | | | | | | | .7 | 3.0 |
| ESE | 1.0 | .1 | | | | | | | | | | 1.1 | 2.0 |
| SE | 1.8 | .2 | | | | | | | | | | 2.0 | 2.3 |
| SSE | 2.3 | 1.4 | .1 | | | | | | | | | 3.8 | 3.1 |
| S | 4.3 | 3.3 | .5 | | | | | | | | | 8.1 | 3.5 |
| SSW | 1.4 | 1.4 | .2 | | | | | | | | | 3.1 | 3.9 |
| SW | 1.2 | 1.1 | .6 | | | | | | | | | 2.9 | 4.2 |
| WSW | .6 | .6 | .2 | | | | | | | | | 1.4 | 4.4 |
| W | .5 | .1 | .2 | | | | | | | | | .8 | 4.4 |
| WNW | .7 | .2 | | | | | | | | | | 1.0 | 2.6 |
| NW | .5 | .6 | | | | | | | | | | 1.1 | 3.6 |
| NNW | 1.0 | .4 | | .1 | | | | | | | | 1.4 | 3.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 60.3 | |
| | 22.3 | 14.3 | 2.7 | .2 | | | | | | | | 100.0 | 1.4 |

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74671 FT CAMPBELL KY

73-81

ALT

STATION

STATION NAME

YEARS

NORTH

ALL WEATHER

CLASS

0300-0500

MOVES 1.5.7

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.3 | 1.4 | .4 | | | | | | | | | 5.1 | 3.0 |
| NNE | 3.8 | 1.8 | .1 | | | | | | | | | 5.7 | 3.1 |
| NE | 1.2 | .5 | | | | | | | | | | 1.7 | 3.1 |
| ENE | .2 | | | | | | | | | | | .2 | 1.5 |
| E | .2 | .2 | | | | | | | | | | .5 | 3.3 |
| ESE | .7 | .2 | | | | | | | | | | 1.7 | 2.5 |
| SE | 3.6 | .6 | | | | | | | | | | 4.2 | 2.5 |
| SSE | 2.2 | 1.0 | .2 | | | | | | | | | 3.3 | 3.0 |
| S | 5.4 | 2.9 | .2 | | | | | | | | | 8.5 | 3.2 |
| SSW | 2.3 | 1.0 | .5 | | | | | | | | | 3.7 | 3.4 |
| SW | 1.2 | .5 | .2 | .1 | | | | | | | | 2.7 | 4.2 |
| WSW | 1.3 | 1.0 | .5 | .1 | | | | | | | | 2.9 | 4.2 |
| W | .5 | | | | | | | | | | | .5 | 2.0 |
| WNW | .7 | .1 | .2 | | | | | | | | | 1.1 | 3.4 |
| NW | .5 | .1 | | | | | | | | | | .6 | 2.6 |
| NNW | 1.0 | .2 | | | | | | | | | | 1.2 | 2.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 57.8 | |
| | 28.1 | 11.5 | 2.4 | .2 | | | | | | | | 100.0 | 1.4 |

TOTAL NUMBER OF OBSERVATIONS

837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | 1.9 | .8 | | | | | | | | | 4.3 | 4.7 |
| NNE | 2.0 | 1.8 | 1.3 | .1 | | | | | | | | 5.3 | 4.6 |
| NE | 1.2 | 1.4 | .7 | | | | | | | | | 3.3 | 4.4 |
| ENE | .8 | 1.3 | .2 | | | | | | | | | 2.4 | 4.1 |
| E | .7 | 1.2 | .2 | | | | | | | | | 2.2 | 4.3 |
| ESE | 2.4 | .4 | | | | | | | | | | 2.7 | 2.3 |
| SE | 4.1 | .6 | | | | | | | | | | 4.7 | 2.4 |
| SSE | 1.9 | 2.2 | .1 | | | | | | | | | 4.2 | 3.6 |
| S | 4.2 | 4.5 | 1.9 | .1 | | | | | | | | 10.8 | 4.5 |
| SSW | 2.9 | 5.0 | 2.5 | .1 | | | | | | | | 10.5 | 4.9 |
| SW | 1.4 | 2.0 | 2.4 | .5 | | | | | | | | 6.3 | 6.4 |
| WSW | 1.2 | 1.8 | 1.0 | .1 | | | | | | | | 4.1 | 5.1 |
| W | .6 | .6 | .4 | | | | | | | | | 1.6 | 4.5 |
| WNW | .2 | .2 | | | | | | | | | | .5 | 3.5 |
| NW | .6 | .5 | .1 | | | | | | | | | 1.2 | 4.2 |
| NNW | 1.1 | .8 | .1 | | | | | | | | | 2.0 | 3.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.1 | |
| | 26.9 | 26.3 | 11.8 | 1.0 | | | | | | | | 100.0 | 2.9 |

TOTAL NUMBER OF OBSERVATIONS

837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710

FT CAMPBELL KY

73-81

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | 1.9 | 2.3 | | | | | | | | | 5.7 | 5.4 |
| NNE | 1.6 | 1.6 | 1.1 | .1 | | | | | | | | 4.3 | 5.1 |
| NE | .5 | 1.8 | 1.6 | | | | | | | | | 3.8 | 6.1 |
| ENE | .7 | 1.7 | 1.6 | | | | | | | | | 3.9 | 5.5 |
| E | 2.2 | 2.5 | .6 | | | | | | | | | 5.3 | 4.7 |
| ESE | 1.3 | 1.3 | .2 | | | | | | | | | 2.9 | 3.8 |
| SE | 1.3 | 1.7 | | | | | | | | | | 2.3 | 3.2 |
| SSE | 1.4 | 1.4 | .5 | | | | | | | | | 3.3 | 3.9 |
| S | 2.3 | 4.2 | 2.9 | .5 | | | | | | | | 9.8 | 5.7 |
| SSW | 3.0 | 4.5 | 4.2 | .5 | | | | | | | | 12.2 | 5.8 |
| SW | 1.8 | 5.3 | 3.0 | 2.3 | | | | | | | | 12.3 | 6.9 |
| WSW | 1.0 | 3.1 | 3.1 | .6 | | | | | | | | 7.8 | 6.7 |
| W | 1.7 | 4.2 | 3.1 | .6 | | | | | | | | 9.6 | 6.2 |
| WNW | 1.0 | 1.4 | .6 | | | | | | | | | 3.0 | 4.6 |
| NW | 1.1 | .7 | .7 | | | | | | | | | 2.5 | 4.7 |
| NNW | .8 | 1.7 | .1 | | | | | | | | | 1.9 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.4 | |
| | 23.1 | 37.5 | 25.4 | 4.5 | | | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746717
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 2.4 | 3.2 | .4 | | | | | | | | 7.6 | 6.0 |
| NNE | 1.0 | 2.3 | 2.4 | .2 | | | | | | | | 5.9 | 6.4 |
| NE | 1.2 | 2.4 | 1.6 | | | | | | | | | 5.1 | 5.4 |
| ENE | 1.1 | 1.6 | .5 | .1 | | | | | | | | 3.2 | 4.8 |
| E | 1.4 | 2.2 | .4 | | | | | | | | | 3.9 | 4.4 |
| ESE | 1.1 | 1.6 | .4 | | | | | | | | | 3.0 | 4.2 |
| SE | 1.0 | 1.2 | .2 | | | | | | | | | 2.4 | 4.1 |
| SSE | 1.2 | 1.4 | .6 | .1 | | | | | | | | 3.3 | 4.8 |
| S | 1.6 | 2.6 | 2.7 | .6 | | | | | | | | 7.5 | 6.1 |
| SSW | 1.7 | 4.3 | 4.7 | 1.2 | | | | | | | | 11.8 | 6.9 |
| SW | 1.2 | 2.2 | 4.8 | 1.6 | .1 | | | | | | | 9.8 | 8.0 |
| WSW | 2.0 | 3.0 | 3.5 | .4 | | | | | | | | 8.8 | 6.1 |
| W | 1.7 | 3.6 | 2.7 | .5 | | | | | | | | 8.5 | 5.9 |
| WNW | .7 | 1.9 | .5 | | | | | | | | | 3.1 | 5.0 |
| NW | 1.4 | .8 | 1.0 | | | | | | | | | 3.2 | 4.6 |
| NNW | 1.2 | 2.5 | 1.7 | | | | | | | | | 5.4 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.3 | |
| | 21.0 | 35.8 | 30.7 | 5.0 | .1 | | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS

837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 2.5 | 1.6 | 1.0 | | | | | | | | 6.5 | 6.2 |
| NNE | .8 | 3.6 | 2.9 | .5 | | | | | | | | 7.8 | 6.6 |
| NE | 1.4 | 2.2 | 1.4 | | | | | | | | | 5.0 | 5.1 |
| ENE | 1.6 | 1.8 | .6 | | | | | | | | | 3.9 | 4.6 |
| E | 2.3 | 1.7 | .4 | | | | | | | | | 4.3 | 3.8 |
| ESE | 1.3 | 1.9 | .5 | | | | | | | | | 3.7 | 4.5 |
| SE | 1.0 | 1.3 | .5 | .1 | | | | | | | | 2.9 | 4.8 |
| SSE | 1.4 | 1.4 | .7 | .1 | | | | | | | | 3.7 | 4.8 |
| S | 1.8 | 3.1 | 2.3 | .2 | .1 | | | | | | | 7.5 | 5.7 |
| SSW | 1.2 | 4.4 | 4.9 | 1.2 | | | | | | | | 11.7 | 7.0 |
| SW | 1.4 | 3.3 | 4.8 | 1.1 | | | | | | | | 10.6 | 7.0 |
| WSW | 1.0 | 3.0 | 2.7 | .1 | | | | | | | | 6.8 | 5.9 |
| W | 1.4 | 3.8 | 1.8 | .2 | | | | | | | | 7.3 | 5.5 |
| WNW | 1.6 | 1.7 | .7 | | | | | | | | | 3.9 | 4.4 |
| NW | .7 | 1.0 | .1 | .1 | | | | | | | | 1.9 | 4.3 |
| NNW | .6 | 1.3 | 1.0 | .1 | | | | | | | | 3.0 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.4 | |
| | 20.9 | 38.0 | 26.8 | 4.8 | .1 | | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS

837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746717
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.4 | 2.9 | .8 | .2 | .1 | | | | | | | 6.5 | 4.8 |
| NNE | 2.4 | 1.2 | .8 | | | | | | | | | 4.4 | 4.2 |
| NE | 2.2 | 1.1 | .4 | | | | | | | | | 3.6 | 3.6 |
| ENE | 1.7 | .8 | | | | | | | | | | 2.5 | 3.0 |
| E | 1.2 | .7 | .2 | .1 | | | | | | | | 2.3 | 4.0 |
| ESE | 2.2 | .2 | .1 | | | | | | | | | 2.5 | 2.6 |
| SE | 1.7 | 1.0 | .2 | | | | | | | | | 2.9 | 3.3 |
| SSE | 1.1 | 1.2 | .2 | .2 | | | | | | | | 2.7 | 4.8 |
| S | 4.5 | 5.1 | 1.0 | .2 | | | | | | | | 10.9 | 4.3 |
| SSW | 2.9 | 2.2 | 1.2 | | | | | | | | | 6.2 | 4.4 |
| SW | .8 | 2.4 | .6 | | | | | | | | | 3.8 | 4.9 |
| WSW | .8 | .7 | | .4 | | | | | | | | 1.9 | 5.6 |
| W | 1.2 | .1 | | | | | | | | | | 1.3 | 2.3 |
| WNW | .6 | .4 | .1 | | | | | | | | | 1.1 | 3.1 |
| NW | .8 | .2 | | | | | | | | | | 1.1 | 2.3 |
| NNW | .5 | 1.2 | .2 | | | | | | | | | 1.9 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 44.4 | |
| | 26.9 | 21.4 | 6.0 | 1.2 | .1 | | | | | | | 100.0 | 2.3 |

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

746717
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.5 | 1.1 | .4 | | | | | | | | | 3.9 | 3.3 |
| NNE | 3.1 | .6 | .4 | .1 | | | | | | | | 4.2 | 3.1 |
| NE | 2.9 | .4 | .2 | | | | | | | | | 3.5 | 2.9 |
| ENE | 1.1 | .4 | .1 | | | | | | | | | 1.6 | 3.0 |
| E | .7 | 1.0 | | | | | | | | | | 1.7 | 3.6 |
| ESE | 1.1 | .4 | | | | | | | | | | 1.4 | 2.8 |
| SE | 2.7 | 1.4 | .1 | | | | | | | | | 4.3 | 3.1 |
| SSE | 2.9 | 1.2 | .1 | | | | | | | | | 4.2 | 3.0 |
| S | 3.0 | 3.7 | 1.1 | | | | | | | | | 7.8 | 4.4 |
| SSW | .6 | 2.6 | 1.0 | | | | | | | | | 4.2 | 5.1 |
| SW | 1.3 | .8 | .5 | | | | | | | | | 2.6 | 4.0 |
| WSW | 1.2 | .2 | .4 | | | | | | | | | 1.8 | 3.7 |
| W | .5 | .1 | .2 | | .1 | | | | | | | 1.0 | 6.4 |
| WNW | .2 | .2 | | | | | | | | | | .5 | 3.0 |
| NW | .7 | .2 | .2 | | | | | | | | | 1.2 | 3.8 |
| NNW | .4 | .6 | .1 | | | | | | | | | 1.1 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 55.2 | |
| | 24.9 | 14.9 | 4.8 | .1 | .1 | | | | | | | 100.0 | 1.7 |

TOTAL NUMBER OF OBSERVATIONS 837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 1.9 | 1.2 | .2 | .0 | | | | | | | 5.4 | 4.9 |
| NNE | 2.3 | 1.8 | 1.2 | .1 | | | | | | | | 5.4 | 4.7 |
| NE | 1.5 | 1.3 | .7 | | | | | | | | | 3.5 | 4.5 |
| ENE | .9 | 1.0 | .4 | .0 | | | | | | | | 2.3 | 4.4 |
| E | 1.1 | 1.2 | .2 | .0 | | | | | | | | 2.6 | 4.0 |
| ESE | 1.4 | .8 | .1 | | | | | | | | | 2.3 | 3.4 |
| SE | 2.1 | .9 | .1 | .0 | | | | | | | | 3.2 | 3.1 |
| SSE | 1.8 | 1.4 | .3 | .1 | | | | | | | | 3.6 | 3.9 |
| S | 3.4 | 3.7 | 1.6 | .2 | .0 | | | | | | | 8.9 | 4.6 |
| SSW | 2.0 | 3.2 | 2.4 | .4 | | | | | | | | 7.9 | 5.7 |
| SW | 1.3 | 2.2 | 2.1 | .7 | .0 | | | | | | | 6.3 | 6.5 |
| WSW | 1.1 | 1.7 | 1.4 | .2 | | | | | | | | 4.4 | 5.7 |
| W | 1.0 | 1.6 | 1.1 | .2 | .0 | | | | | | | 3.8 | 5.6 |
| WNW | .7 | .8 | .3 | | | | | | | | | 1.8 | 4.2 |
| NW | .8 | .5 | .3 | .0 | | | | | | | | 1.6 | 4.1 |
| NNW | .8 | 1.0 | .4 | .0 | | | | | | | | 2.2 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.8 | |
| | 24.3 | 25.0 | 13.8 | 2.1 | .1 | | | | | | | 100.0 | 3.2 |

TOTAL NUMBER OF OBSERVATIONS

6696

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710

STATION

FT CAMPBELL KY

STATION NAME

73-81

YEARS

SEP

MONTH

ALL WEATHER

CLASS

0000-0200

NOV 88 (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.4 | 2.3 | 1.1 | .6 | | | | | | | | 8.5 | 4.6 |
| NNE | 3.7 | .9 | .2 | | | | | | | | | 4.8 | 2.9 |
| NE | 1.5 | .9 | | | | | | | | | | 2.3 | 2.8 |
| ENE | 1.2 | .2 | | .1 | | | | | | | | 1.6 | 2.9 |
| E | 2.0 | .6 | .1 | | | | | | | | | 2.7 | 3.2 |
| ESE | 1.1 | .2 | | | | | | | | | | 1.4 | 2.7 |
| SE | 2.5 | 1.1 | | | | | | | | | | 3.6 | 2.8 |
| SSE | 2.2 | 1.1 | .1 | | | | | | | | | 3.5 | 3.2 |
| S | 3.0 | 2.3 | .5 | | | | | | | | | 5.8 | 3.9 |
| SSW | 2.3 | 1.6 | .2 | .1 | | | | | | | | 4.3 | 3.7 |
| SW | .2 | .2 | | | | | | | | | | .5 | 3.3 |
| WSW | .2 | | | | | | | | | | | .2 | 2.0 |
| W | .1 | .4 | .2 | | | | | | | | | .7 | 4.8 |
| WNW | .2 | .2 | .1 | | | | | | | | | .6 | 4.4 |
| NW | .4 | .4 | .2 | | | | | | | | | 1.0 | 5.1 |
| NNW | .7 | .7 | .6 | .6 | | | | | | | | 2.7 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 55.7 | |
| | 25.9 | 13.3 | 3.6 | 1.5 | | | | | | | | 100.0 | 1.7 |

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.3 | 2.6 | 1.1 | .5 | | | | | | | | 8.5 | 4.6 |
| NNE | 3.8 | .9 | .5 | | | | | | | | | 5.2 | 3.1 |
| NE | 1.9 | .4 | .1 | | | | | | | | | 2.3 | 2.7 |
| ENE | 1.1 | .6 | | | | | | | | | | 1.7 | 2.9 |
| E | 2.0 | .1 | .1 | | | | | | | | | 2.2 | 2.5 |
| ESE | 3.0 | .9 | | | | | | | | | | 3.8 | 2.6 |
| SE | 2.3 | 1.9 | | | | | | | | | | 4.2 | 3.1 |
| SSE | 2.1 | 1.0 | .1 | | | | | | | | | 3.2 | 3.1 |
| S | 2.8 | 2.2 | .5 | | | | | | | | | 5.6 | 3.7 |
| SSW | 1.9 | 1.6 | .2 | | | | | | | | | 3.7 | 3.9 |
| SW | .1 | .5 | .1 | | | | | | | | | .7 | 5.0 |
| WSW | .6 | .2 | .4 | | | | | | | | | 1.2 | 4.9 |
| W | .5 | .1 | .1 | .1 | | | | | | | | .9 | 4.3 |
| WNW | .4 | .2 | .2 | | | | | | | | | .9 | 5.1 |
| NW | .7 | .2 | .2 | | | | | | | | | 1.2 | 3.7 |
| NNW | 1.1 | 2.0 | 1.5 | .1 | .1 | | | | | | | 4.8 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 49.8 | |
| | 28.6 | 15.4 | 5.3 | .7 | .1 | | | | | | | 100.0 | 1.9 |

TOTAL NUMBER OF OBSERVATIONS

810

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746710

FT CAMPBELL KY

73-81

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0800

CLAS

HOURS (L E Y)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | 3.1 | 3.3 | .5 | | | | | | | | 9.1 | 6.1 |
| NNE | 2.8 | 3.3 | 1.5 | .1 | | | | | | | | 7.8 | 4.4 |
| NE | 1.5 | 1.5 | 1.1 | | | | | | | | | 4.1 | 4.7 |
| ENE | 1.1 | 1.1 | | .1 | | | | | | | | 2.3 | 4.0 |
| E | 2.1 | .9 | .6 | | | | | | | | | 3.6 | 3.6 |
| ESE | 1.9 | 1.0 | | | | | | | | | | 2.8 | 2.9 |
| SE | 3.7 | 2.5 | .2 | | | | | | | | | 6.4 | 3.5 |
| SSE | 3.2 | 1.7 | .4 | | | | | | | | | 5.3 | 3.4 |
| S | 3.0 | 4.2 | 1.6 | .4 | | | | | | | | 9.1 | 4.8 |
| SSW | 1.6 | 2.2 | 1.1 | | | | | | | | | 4.9 | 4.6 |
| SW | .7 | .9 | .9 | .1 | | | | | | | | 2.6 | 5.4 |
| WSW | .4 | .4 | .4 | | | | | | | | | 1.1 | 4.9 |
| W | .2 | .7 | .1 | | | | | | | | | 1.1 | 4.2 |
| WNW | .2 | .1 | .1 | | | | | | | | | .5 | 4.3 |
| NW | .4 | .6 | .1 | .1 | | | | | | | | 1.2 | 5.2 |
| NNW | .5 | 1.0 | 1.4 | .2 | | | | | | | | 3.1 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.8 | |
| | 25.6 | 25.2 | 12.8 | 1.6 | | | | | | | | 100.0 | 3.0 |

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746717
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 2.6 | 3.6 | .9 | | | | | | | | 8.3 | 6.9 |
| NNE | 1.7 | 3.5 | 2.5 | .4 | | | | | | | | 8.0 | 5.8 |
| NE | 1.4 | 2.5 | 1.9 | .1 | | | | | | | | 5.8 | 5.8 |
| ENE | 1.0 | 1.2 | 1.6 | .2 | | | | | | | | 4.1 | 5.9 |
| E | 2.0 | 2.6 | 1.6 | | | | | | | | | 6.2 | 4.6 |
| ESE | 1.2 | 1.2 | .4 | | | | | | | | | 2.8 | 4.3 |
| SE | 1.4 | 2.5 | .6 | | | | | | | | | 4.4 | 4.4 |
| SSE | 1.2 | 2.6 | 1.5 | .4 | | | | | | | | 5.7 | 5.7 |
| S | 2.0 | 3.5 | 2.8 | .4 | | | | | | | | 8.6 | 5.8 |
| SSW | 1.6 | 5.3 | 4.1 | .6 | .1 | | | | | | | 11.7 | 6.5 |
| SW | .6 | 1.9 | 3.2 | 1.2 | | | | | | | | 6.9 | 7.6 |
| WSW | 1.0 | 1.5 | .7 | .4 | | | | | | | | 3.6 | 5.7 |
| W | 1.6 | 1.6 | .6 | .4 | | | | | | | | 4.2 | 5.1 |
| WNW | .6 | 1.1 | .2 | | | | | | | | | 2.0 | 4.6 |
| NW | .7 | 1.9 | .6 | .2 | | | | | | | | 3.5 | 5.5 |
| NNW | 1.2 | 2.0 | 1.7 | .1 | | | | | | | | 5.1 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.1 | |
| | 20.5 | 37.3 | 27.7 | 5.3 | .1 | | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

746710

FT CAMPBELL KY

73-81

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 2.7 | 4.6 | .4 | .1 | | | | | | | 9.6 | 6.7 |
| NNE | 1.2 | 4.1 | 2.1 | .7 | | | | | | | | 8.1 | 6.3 |
| NE | 1.6 | 2.1 | 2.3 | .5 | | | | | | | | 6.5 | 6.0 |
| ENE | .9 | 2.3 | 1.6 | | | | | | | | | 4.8 | 5.4 |
| E | 2.3 | 1.5 | .4 | .1 | | | | | | | | 4.3 | 4.0 |
| ESE | .6 | 2.2 | .6 | | | | | | | | | 3.5 | 5.2 |
| SE | 1.1 | 1.4 | 1.2 | | | | | | | | | 3.7 | 5.1 |
| SSE | .7 | 2.6 | 1.5 | .2 | | | | | | | | 5.1 | 5.7 |
| S | 1.6 | 2.7 | 2.2 | .9 | | | | | | | | 7.4 | 6.6 |
| SSW | 1.1 | 3.2 | 2.7 | 1.0 | .2 | | | | | | | 8.3 | 7.0 |
| SW | .5 | 1.9 | 2.7 | 1.4 | .1 | | | | | | | 6.5 | 8.2 |
| WSW | 1.6 | 1.9 | 1.4 | .5 | | | | | | | | 5.3 | 5.7 |
| W | 1.4 | 1.7 | 2.0 | .5 | | | | | | | | 5.6 | 6.5 |
| WNW | 1.0 | 1.4 | .9 | | | | | | | | | 3.2 | 5.2 |
| NW | .7 | 1.2 | 1.5 | | | | | | | | | 3.5 | 5.6 |
| NNW | 2.0 | 2.3 | 3.0 | .5 | | | | | | | | 7.8 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.8 | |
| | 23.2 | 35.2 | 30.6 | 6.7 | .5 | | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746710

FT CAMPBELL KY

73-81

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (LST)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.1 | 3.7 | 3.3 | 1.2 | | .1 | | | | | | 10.5 | 6.7 |
| NNE | 1.1 | 3.0 | 2.8 | .9 | | | | | | | | 7.8 | 6.8 |
| NE | 1.5 | 2.2 | 2.7 | | | | | | | | | 6.4 | 5.4 |
| ENE | 2.8 | 2.1 | .1 | | | | | | | | | 5.1 | 3.3 |
| E | 4.1 | 1.9 | .1 | | | | | | | | | 6.0 | 3.1 |
| ESE | 1.5 | 1.9 | .6 | | | | | | | | | 4.3 | 4.4 |
| SE | 1.9 | 1.9 | .9 | | | | | | | | | 4.6 | 4.5 |
| SSE | 1.1 | 1.9 | .2 | .1 | | | | | | | | 3.3 | 4.5 |
| S | 3.0 | 4.6 | 2.1 | .4 | | | | | | | | 10.0 | 5.1 |
| SSW | .7 | 3.0 | 2.5 | .5 | | | | | | | | 6.7 | 6.3 |
| SW | .5 | 1.1 | .7 | .9 | | | | | | | | 3.2 | 7.8 |
| WSW | .7 | 2.0 | 1.7 | .1 | | | | | | | | 4.6 | 6.2 |
| W | 1.6 | 1.2 | .5 | .1 | | | | | | | | 3.5 | 4.4 |
| WNW | 2.2 | .2 | .6 | .1 | | | | | | | | 3.2 | 3.8 |
| NW | 1.5 | 2.1 | .6 | .4 | | | | | | | | 4.6 | 5.4 |
| NNW | 2.0 | 2.6 | 2.6 | .6 | | | | | | | | 7.8 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.9 | |
| | 28.3 | 35.2 | 22.2 | 5.3 | | .1 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

74671

FT CAMPBELL KY

73-81

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1810-2000

HOURLY

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.0 | 1.6 | .6 | 1.4 | | | | | | | | 5.5 | 6.0 |
| NNE | 2.3 | 2.1 | 1.0 | .1 | .1 | | | | | | | 5.7 | 4.0 |
| NE | 3.1 | .7 | .1 | | | | | | | | | 4.0 | 2.0 |
| ENE | 1.5 | .6 | | | | | | | | | | 2.1 | 2.0 |
| E | 1.6 | .5 | .1 | | | | | | | | | 2.2 | 2.0 |
| ESE | 2.2 | .1 | .2 | | | | | | | | | 2.6 | 2.0 |
| SE | 1.7 | .5 | .2 | | | | | | | | | 2.5 | 3.3 |
| SSE | 2.0 | .7 | .5 | | | | | | | | | 3.2 | 3.0 |
| S | 4.3 | 2.1 | .5 | .1 | | | | | | | | 7.0 | 3.0 |
| SSW | 2.1 | 1.2 | .2 | | | | | | | | | 3.6 | 3.6 |
| SW | .5 | .6 | .2 | | | | | | | | | 1.4 | 4.6 |
| WSW | .5 | .2 | .1 | | | | | | | | | .9 | 4.0 |
| W | .7 | .4 | | | | | | | | | | 1.1 | 2.9 |
| WNW | 1.2 | .5 | | | | | | | | | | 1.7 | 2.5 |
| NW | 1.5 | 1.2 | .2 | | | | | | | | | 3.0 | 3.4 |
| NNW | 1.7 | 1.2 | .7 | .6 | .1 | | | | | | | 4.4 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 48.1 | |
| | 30.0 | 14.4 | 4.9 | 2.2 | .2 | | | | | | | 100.0 | 2.1 |

TOTAL NUMBER OF OBSERVATIONS

810

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74671⁰ STATION FT CAMPBELL KY STATION NAME 73-81 YEARS SEP MONTH 2100-2300 HOURS (LST)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 2.3 | 1.2 | .7 | | | | | | | | 6.7 | 5.3 |
| NNE | 4.0 | 1.4 | .2 | | | | | | | | | 5.6 | 2.9 |
| NE | 3.2 | .7 | .1 | | | | | | | | | 4.1 | 2.8 |
| ENE | 1.5 | .7 | .1 | | | | | | | | | 2.3 | 3.2 |
| E | 1.1 | .6 | .2 | | | | | | | | | 2.0 | 3.4 |
| ESE | 1.5 | .5 | .2 | | | | | | | | | 2.2 | 3.5 |
| SE | 1.7 | 1.1 | | | | | | | | | | 2.8 | 2.9 |
| SSE | 3.5 | 1.9 | .4 | | | | | | | | | 5.7 | 3.2 |
| S | 2.5 | 3.5 | .7 | | | | | | | | | 6.7 | 3.9 |
| SSW | 1.9 | 1.0 | .1 | | | | | | | | | 3.0 | 3.5 |
| SW | .4 | | .1 | | | | | | | | | .1 | 3.8 |
| WSW | .5 | .2 | | | | | | | | | | .1 | 3.5 |
| W | .5 | .5 | | | | | | | | | | 1.0 | 3.5 |
| WNW | .2 | .1 | | .1 | | | | | | | | .5 | 6.3 |
| NW | .5 | .5 | .1 | | | | | | | | | 1.1 | 4.1 |
| NNW | .5 | 1.0 | .4 | .2 | | | | | | | | 2.1 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 53.1 | |
| | 25.7 | 16.0 | 4.1 | 1.1 | | | | | | | | 100.0 | 1.8 |

TOTAL NUMBER OF OBSERVATIONS 810

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746711
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.7 | 2.6 | 2.4 | .8 | .0 | .0 | | | | | | 8.5 | 5.9 |
| NNE | 2.6 | 2.4 | 1.4 | .3 | .0 | | | | | | | 6.6 | 4.9 |
| NE | 1.9 | 1.4 | 1.0 | .1 | | | | | | | | 4.4 | 4.6 |
| ENE | 1.4 | 1.1 | .4 | .1 | | | | | | | | 3.0 | 4.1 |
| E | 2.1 | 1.1 | .4 | .0 | | | | | | | | 3.7 | 3.6 |
| ESE | 1.6 | 1.0 | .3 | | | | | | | | | 2.9 | 3.6 |
| SE | 2.0 | 1.6 | .4 | | | | | | | | | 4.0 | 3.8 |
| SSE | 2.0 | 1.7 | .6 | .1 | | | | | | | | 4.4 | 4.1 |
| S | 2.8 | 3.1 | 1.4 | .3 | | | | | | | | 7.5 | 4.8 |
| SSW | 1.7 | 2.4 | 1.4 | .3 | .0 | | | | | | | 5.8 | 5.5 |
| SW | .4 | .9 | 1.0 | .4 | .0 | | | | | | | 2.8 | 7.1 |
| WSW | .7 | .8 | .6 | .1 | | | | | | | | 2.2 | 5.5 |
| W | .8 | .8 | .4 | .1 | | | | | | | | 2.3 | 5.1 |
| WNW | .8 | .5 | .3 | .0 | | | | | | | | 1.6 | 4.3 |
| NW | .8 | 1.7 | .5 | .1 | | | | | | | | 2.4 | 4.9 |
| NNW | 1.2 | 1.6 | 1.5 | .4 | .0 | | | | | | | 4.7 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 33.3 | |
| | 25.6 | 24.0 | 13.9 | 3.1 | .1 | .0 | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS

6480

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

OCT
MONTH
0000-0200
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.5 | 2.5 | 1.7 | .2 | | | | | | | | 6.7 | 4.8 |
| NNE | 2.6 | 1.1 | .5 | .1 | | | | | | | | 4.3 | 3.8 |
| NE | .8 | 1.3 | .4 | | | | | | | | | 2.5 | 4.1 |
| ENE | .1 | .2 | | | | | | | | | | .4 | 4.3 |
| E | 1.1 | .5 | .1 | | | | | | | | | 1.7 | 3.1 |
| ESE | 2.2 | .2 | | | | | | | | | | 2.4 | 2.2 |
| SE | 2.9 | 1.1 | .2 | | | | | | | | | 4.2 | 3.1 |
| SSE | 2.4 | 2.5 | .4 | .1 | | | | | | | | 5.4 | 4.2 |
| S | 2.6 | 3.2 | 2.2 | .4 | .1 | | | | | | | 8.5 | 5.5 |
| SSW | .8 | 1.7 | .6 | .2 | | | | | | | | 3.3 | 5.5 |
| SW | 1.0 | .4 | .7 | .2 | | | | | | | | 2.3 | 5.5 |
| WSW | 1.4 | .1 | .2 | .1 | | | | | | | | 1.9 | 4.3 |
| W | 1.2 | .6 | .6 | | | | | | | | | 2.4 | 4.3 |
| WNW | 1.3 | .1 | .5 | .1 | | | | | | | | 2.0 | 4.7 |
| NW | .8 | 1.7 | .6 | | | | | | | | | 3.1 | 4.9 |
| NNW | .7 | 1.6 | 1.2 | .5 | | | | | | | | 3.9 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 44.8 | |
| | 24.5 | 18.8 | 9.8 | 2.0 | .1 | | | | | | | 100.0 | 2.5 |

TOTAL NUMBER OF OBSERVATIONS

837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.8 | 2.3 | 1.7 | .2 | | | | | | | | 6.9 | 4.9 |
| NNE | 1.7 | 1.6 | .7 | .7 | | | | | | | | 4.7 | 5.3 |
| NE | .6 | 1.2 | | | | | | | | | | 1.8 | 3.7 |
| ENE | 1.0 | .4 | | | | | | | | | | 1.3 | 3.3 |
| E | 1.4 | .1 | .1 | .1 | | | | | | | | 1.8 | 3.5 |
| ESE | 1.8 | .2 | .1 | | | | | | | | | 2.2 | 2.7 |
| SE | 4.9 | 2.5 | .1 | | | | | | | | | 7.5 | 3.2 |
| SSE | 1.8 | 1.8 | .8 | | | | | | | | | 4.4 | 4.5 |
| S | 2.8 | 2.0 | 1.7 | .5 | | | | | | | | 6.9 | 5.5 |
| SSW | 2.5 | 1.0 | | | .2 | .1 | | | | | | 3.8 | 4.4 |
| SW | .6 | 1.0 | .2 | | | | | | | | | 1.8 | 4.5 |
| WSW | 1.2 | .5 | .4 | | | | | | | | | 2.0 | 3.5 |
| W | 1.3 | 1.2 | .2 | | | | | | | | | 2.8 | 4.0 |
| WNW | .7 | 1.3 | .8 | | | | | | | | | 2.9 | 5.0 |
| NW | .4 | 1.6 | .8 | .1 | | | | | | | | 2.9 | 6.1 |
| NNW | .6 | 1.4 | 1.2 | .4 | | | | | | | | 3.6 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 42.7 | |
| | 26.0 | 20.0 | 9.0 | 2.0 | .2 | .1 | | | | | | 100.3 | 2.6 |

TOTAL NUMBER OF OBSERVATIONS

836

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 3.0 | 3.5 | 1.0 | | | | | | | | 9.7 | 6.5 |
| NNE | 1.3 | 1.3 | 1.2 | | | | | | | | | 3.8 | 4.9 |
| NE | 1.0 | 1.2 | .5 | | | | | | | | | 2.6 | 4.5 |
| ENE | .6 | .7 | .2 | | | | | | | | | 1.6 | 4.4 |
| E | 1.0 | 1.2 | .4 | | | | | | | | | 2.5 | 4.1 |
| ESE | 2.3 | 2.0 | .1 | .1 | | | | | | | | 4.5 | 3.8 |
| SE | 3.3 | 2.9 | .7 | | | | | | | | | 6.9 | 3.8 |
| SSE | 3.2 | 3.8 | 1.1 | .2 | | | | | | | | 8.4 | 4.5 |
| S | 2.0 | 3.2 | 2.9 | .5 | | | | | | | | 8.6 | 5.9 |
| SSW | 1.3 | 2.0 | 1.3 | .2 | .1 | | | | | | | 5.3 | 5.5 |
| SW | .7 | 1.9 | .6 | .2 | | | | | | | | 3.5 | 5.5 |
| WSW | 1.3 | 1.0 | .6 | | | | | | | | | 2.9 | 4.3 |
| W | .6 | 1.6 | .7 | | | | | | | | | 2.9 | 5.4 |
| WNW | 1.4 | 1.2 | .5 | .1 | | | | | | | | 3.2 | 4.6 |
| NW | .2 | .7 | 1.2 | | | | | | | | | 2.2 | 6.8 |
| NNW | .5 | 1.8 | .8 | .2 | | | | | | | | 3.3 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.4 | |
| | 23.1 | 29.5 | 16.2 | 2.6 | .1 | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS

837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 1.8 | 3.3 | 2.2 | | | | | | | | 7.8 | 8.5 |
| NNE | .5 | 1.7 | 2.4 | 1.1 | | | | | | | | 5.6 | 7.5 |
| NE | .2 | 1.3 | .8 | .1 | .1 | | | | | | | 2.6 | 6.8 |
| ENE | .5 | .8 | .8 | .2 | | | | | | | | 2.4 | 6.2 |
| E | 1.6 | 2.3 | 2.2 | .1 | | | | | | | | 6.1 | 5.5 |
| ESE | 1.4 | 1.4 | .6 | | | | | | | | | 3.5 | 4.3 |
| SE | 1.7 | 1.6 | .5 | .1 | | | | | | | | 3.8 | 4.5 |
| SSE | .4 | 3.9 | 1.8 | .1 | .2 | | | | | | | 6.5 | 6.4 |
| S | 2.9 | 2.7 | 4.5 | 2.6 | .2 | .1 | | | | | | 13.1 | 7.7 |
| SSW | 1.2 | 3.1 | 3.8 | 1.6 | | | | | | | | 9.7 | 7.7 |
| SW | .5 | 1.1 | 3.5 | 1.8 | .1 | | | | | | | 6.9 | 9.0 |
| WSW | 1.4 | 2.4 | 2.5 | .4 | | | | | | | | 6.7 | 6.1 |
| W | .7 | 2.2 | 2.6 | .4 | | | | | | | | 5.9 | 6.6 |
| WNW | .6 | .8 | 1.4 | .7 | | | | | | | | 3.6 | 7.7 |
| NW | .1 | 1.0 | 2.9 | .5 | | | | | | | | 4.4 | 7.8 |
| NNW | .4 | 1.3 | 2.7 | .5 | | | | | | | | 4.9 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.6 | |
| | 14.5 | 29.4 | 36.4 | 12.3 | .7 | .1 | | | | | | 170.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 1.8 | 4.1 | 2.3 | | | | | | | | 9.1 | 8.4 |
| NNE | 1.0 | 1.7 | 1.1 | .6 | .1 | | | | | | | 4.4 | 6.7 |
| NE | .6 | .7 | .5 | .2 | | | | | | | | 2.0 | 5.4 |
| ENE | .6 | 1.0 | .8 | .1 | | | | | | | | 2.5 | 5.8 |
| E | 1.6 | 1.4 | 1.2 | | | | | | | | | 4.2 | 4.6 |
| ESE | .7 | 1.4 | .6 | | | | | | | | | 2.7 | 4.7 |
| SE | 1.3 | 2.3 | 1.3 | .2 | .1 | | | | | | | 5.3 | 5.7 |
| SSE | 1.1 | 1.7 | 1.2 | .5 | .1 | | | | | | | 4.5 | 6.3 |
| S | .8 | 2.2 | 3.5 | 2.2 | .2 | | | | | | | 8.8 | 8.5 |
| SSW | 1.6 | 2.0 | 4.3 | 2.7 | .2 | | | | | | | 10.9 | 8.4 |
| SW | .5 | 1.7 | 3.6 | 2.3 | .2 | | | | | | | 8.2 | 9.1 |
| WSW | 1.0 | 1.3 | 2.6 | 1.3 | | .1 | | | | | | 6.3 | 8.0 |
| W | 1.1 | 1.8 | 2.6 | .7 | .1 | | | | | | | 6.3 | 7.1 |
| WNW | 1.0 | 1.4 | 3.1 | 1.1 | .1 | | | | | | | 6.7 | 7.8 |
| NW | 1.0 | 1.4 | 2.5 | .7 | | | | | | | | 5.6 | 7.1 |
| NNW | 1.2 | 1.2 | 3.7 | 1.6 | | | | | | | | 7.6 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 15.8 | 25.0 | 36.7 | 16.5 | 1.3 | .1 | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746717

FT CAMPBELL KY

73-81

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURLY (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 2.4 | 3.8 | 2.0 | | | | | | | | 9.7 | 7.5 |
| NNE | .2 | 1.4 | 3.1 | .2 | | | | | | | | 5.0 | 7.4 |
| NE | .2 | .4 | | | | | | | | | | .6 | 3.8 |
| ENE | 1.6 | 1.3 | .5 | | | | | | | | | 3.3 | 4.0 |
| E | 2.2 | 1.9 | .1 | | | | | | | | | 4.2 | 3.2 |
| ESE | 1.4 | 1.9 | .2 | | | | | | | | | 3.6 | 4.0 |
| SE | 1.1 | 2.0 | .4 | | | | | | | | | 3.5 | 4.5 |
| SSE | 1.3 | 2.4 | 1.6 | .1 | | | | | | | | 5.4 | 5.4 |
| S | 2.6 | 2.6 | 3.1 | 1.4 | .2 | | | | | | | 10.0 | 6.8 |
| SSW | .8 | 2.0 | 2.4 | .5 | .2 | | | | | | | 6.0 | 7.1 |
| SW | .6 | 1.6 | 2.3 | .8 | | | | | | | | 5.3 | 7.8 |
| WSW | 1.0 | 2.6 | 2.2 | 1.1 | | | | | | | | 6.8 | 7.2 |
| W | 1.3 | 2.3 | 1.7 | .6 | | | | | | | | 5.9 | 6.0 |
| WNW | 1.2 | 1.4 | 1.3 | .5 | | | | | | | | 4.4 | 6.0 |
| NW | 1.6 | 1.8 | 1.6 | .1 | | | | | | | | 5.0 | 5.5 |
| NNW | 1.3 | 2.4 | 3.5 | 1.1 | .1 | | | | | | | 8.4 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.0 | |
| | 19.8 | 30.5 | 27.6 | 8.5 | .6 | | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS

837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

OCT
MONTH
1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.0 | 1.9 | 1.7 | .5 | | | | | | | | 7.0 | 5.1 |
| NNE | 2.5 | .8 | .8 | .2 | | | | | | | | 4.4 | 4.4 |
| NE | 1.4 | 1.0 | .1 | .1 | | | | | | | | 2.5 | 3.7 |
| ENE | .7 | .5 | .1 | | | | | | | | | 1.3 | 3.2 |
| E | 2.2 | .5 | | | | | | | | | | 2.5 | 2.5 |
| ESE | 1.3 | .2 | | | | | | | | | | 1.6 | 2.5 |
| SE | 1.7 | .7 | .1 | | | | | | | | | 2.5 | 3.7 |
| SSE | 1.7 | 1.9 | 1.0 | | | | | | | | | 4.5 | 4.4 |
| S | 1.8 | 4.9 | 3.0 | .4 | | | | | | | | 10.0 | 5.6 |
| SSW | 1.6 | 1.4 | .8 | | | | | | | | | 3.8 | 4.6 |
| SW | .6 | .4 | | .1 | | | | | | | | 1.1 | 3.8 |
| WSW | 1.3 | | | .2 | | | | | | | | 1.6 | 3.8 |
| W | 1.6 | .7 | .5 | | .1 | | | | | | | 2.9 | 4.3 |
| WNW | 1.7 | .8 | .2 | | | | | | | | | 2.7 | 3.5 |
| NW | 2.5 | 1.1 | .5 | | | | | | | | | 4.1 | 3.8 |
| NNW | 1.6 | .5 | 1.0 | .8 | .1 | | | | | | | 3.9 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 43.2 | |
| | 27.0 | 17.3 | 9.8 | 2.4 | .2 | | | | | | | 100.0 | 2.5 |

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74671 STATION NAME FT CAMPBELL KY YEARS 73-81 MONTH OCT
CLASS ALL WEATHER HOURS (L & T.) 2100-2300
CONDITION _____

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.6 | 1.6 | 1.6 | .7 | | | | | | | | 6.5 | 5.4 |
| NNE | 2.2 | 1.3 | .7 | | | | | | | | | 4.2 | 4.1 |
| NE | 1.2 | .6 | | | | | | | | | | 1.8 | 3.1 |
| ENE | .6 | .4 | | | | | | | | | | 1.0 | 3.3 |
| E | 1.8 | .6 | | | | | | | | | | 2.4 | 2.9 |
| ESE | 2.2 | .2 | | | | | | | | | | 2.4 | 2.4 |
| SE | 3.0 | 1.0 | .1 | | | | | | | | | 4.1 | 2.7 |
| SSE | 1.8 | 2.4 | .6 | .1 | | | | | | | | 4.9 | 4.5 |
| S | 1.7 | 3.7 | 2.2 | .6 | | | | | | | | 8.1 | 5.7 |
| SSW | 1.6 | 2.2 | 1.3 | .1 | | | | | | | | 5.1 | 5.0 |
| SW | 1.0 | .6 | .2 | .2 | | | | | | | | 2.0 | 4.6 |
| WSW | 1.2 | .1 | | | | | | | | | | 1.3 | 2.1 |
| W | 1.3 | .8 | | .5 | | | | | | | | 2.6 | 4.8 |
| WNW | .6 | .7 | .1 | | | | | | | | | 1.4 | 4.2 |
| NW | 2.0 | 1.0 | .8 | .1 | | | | | | | | 3.9 | 4.8 |
| NNW | .8 | 1.4 | 1.6 | .5 | | | | | | | | 4.3 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 44.0 | |
| | 25.4 | 18.5 | 9.2 | 2.9 | | | | | | | | 100.0 | 2.6 |

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L & T)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 2.2 | 2.7 | 1.1 | | | | | | | | 7.7 | 6.6 |
| NNE | 1.5 | 1.4 | 1.3 | .4 | .0 | | | | | | | 4.0 | 5.6 |
| NE | .8 | 1.0 | .3 | .1 | .0 | | | | | | | 2.1 | 4.5 |
| ENE | .7 | .7 | .3 | .0 | | | | | | | | 1.7 | 4.5 |
| E | 1.6 | 1.1 | .5 | .0 | | | | | | | | 3.2 | 4.0 |
| ESE | 1.7 | 1.0 | .2 | .0 | | | | | | | | 2.9 | 3.5 |
| SE | 2.5 | 1.7 | .4 | .0 | .0 | | | | | | | 4.7 | 3.8 |
| SSE | 1.7 | 2.6 | 1.0 | .1 | .0 | | | | | | | 5.5 | 5.0 |
| S | 2.2 | 3.1 | 2.9 | 1.1 | .1 | .0 | | | | | | 9.3 | 6.5 |
| SSW | 1.4 | 1.9 | 1.8 | .7 | .1 | .0 | | | | | | 6.0 | 6.6 |
| SW | .7 | 1.1 | 1.4 | .7 | .0 | | | | | | | 3.9 | 7.4 |
| WSW | 1.2 | 1.0 | 1.1 | .4 | | .0 | | | | | | 3.7 | 6.0 |
| W | 1.1 | 1.4 | 1.1 | .3 | .0 | | | | | | | 3.9 | 5.7 |
| WNW | 1.1 | 1.0 | 1.0 | .3 | .0 | | | | | | | 3.4 | 5.9 |
| NW | 1.1 | 1.3 | 1.4 | .2 | | | | | | | | 3.9 | 5.9 |
| NNW | .9 | 1.4 | 2.0 | .7 | .0 | | | | | | | 5.0 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 78.4 | |
| | 22.0 | 23.6 | 19.3 | 6.2 | .4 | .0 | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 6695

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

| | | | |
|-------------|----------------|-------|---------------|
| 746710 | FT CAMPBELL KY | 73-81 | NOV |
| STATION | STATION NAME | YEARS | MONTH |
| ALL WEATHER | | | 0000-0200 |
| CLASS | | | HOURS (L & T) |
| CONDITION | | | |

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | .9 | 2.1 | 1.0 | | | | | | | | 6.2 | 6.5 |
| NNE | 1.0 | 2.0 | .9 | .4 | | | | | | | | 4.2 | 5.5 |
| NE | .7 | 1.1 | .5 | | | | | | | | | 2.3 | 4.7 |
| ENE | .7 | .9 | .7 | | | | | | | | | 2.3 | 5.1 |
| E | 1.6 | .7 | .2 | | | | | | | | | 2.6 | 3.4 |
| ESE | 2.3 | 1.1 | .2 | | | | | | | | | 3.7 | 3.2 |
| SE | 1.9 | 2.3 | .6 | | | | | | | | | 4.8 | 4.2 |
| SSE | 2.0 | 1.7 | 1.2 | .1 | | | | | | | | 5.1 | 4.9 |
| S | 2.3 | 3.8 | 1.7 | 1.7 | .1 | | | | | | | 9.8 | 6.6 |
| SSW | 1.2 | 1.4 | 1.5 | 1.0 | | | | | | | | 5.1 | 6.9 |
| SW | .7 | 1.4 | .4 | .6 | .1 | .1 | | | | | | 3.3 | 7.6 |
| WSW | 2.3 | 1.1 | .9 | .6 | | .1 | | | | | | 5.1 | 5.9 |
| W | 1.4 | 2.1 | 1.5 | .7 | | .1 | | | | | | 5.8 | 6.4 |
| WNW | .5 | 1.1 | .6 | .1 | .1 | | | | | | | 2.5 | 6.0 |
| NW | .4 | 1.1 | 1.4 | .1 | | | | | | | | 3.0 | 6.6 |
| NNW | .6 | 1.2 | 1.1 | .5 | | | | | | | | 3.5 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 30.9 | |
| | 22.0 | 24.0 | 15.6 | 6.9 | .4 | .4 | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 810

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

74671 FT CAMPBELL KY

73-81

NOV

STATION

STATION NAME

YEARS

ALL WEATHER

CLASS

707-0500

CONDITION

| SPEED (KNTS) DIR | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-54 | 55-61 | 62-68 | 69-75 | 76-82 | 83-89 | 90-96 | MEAN WIND SPEED |
|------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------------|
| N | 2.1 | 2.1 | 2.2 | .6 | .1 | | | | | | | | | | | | 2.1 |
| NNE | 1.2 | 1.1 | .4 | .2 | | | | | | | | | | | | | 1.1 |
| NE | 1.2 | 1.1 | .5 | .1 | | | | | | | | | | | | | 1.1 |
| ENE | 1.0 | .5 | .7 | | | | | | | | | | | | | | 1.0 |
| E | 1.2 | .7 | .2 | | | | | | | | | | | | | | 1.2 |
| ESE | 2.2 | 2.1 | | .1 | | | | | | | | | | | | | 2.2 |
| SE | 3.0 | 2.5 | .9 | | | | | | | | | | | | | | 3.0 |
| SSE | 1.4 | 2.0 | 1.4 | | | | | | | | | | | | | | 1.4 |
| S | 2.5 | 3.6 | 2.8 | 1.5 | | | | | | | | | | | | | 2.5 |
| SSW | 1.1 | 1.2 | 1.5 | 1.0 | | | | | | | | | | | | | 1.1 |
| SW | 1.4 | .5 | .6 | .4 | .1 | .1 | | | | | | | | | | | 1.4 |
| WSW | 1.1 | .7 | 1.7 | .2 | .1 | | | | | | | | | | | | 1.1 |
| W | 1.1 | 2.8 | 1.4 | .5 | | | | | | | | | | | | | 1.1 |
| WNW | .1 | 2.8 | 1.2 | | | | | | | | | | | | | | .1 |
| NW | .7 | 1.4 | 1.2 | .2 | | | | | | | | | | | | | .7 |
| NNW | 1.0 | 1.5 | .7 | .4 | | | | | | | | | | | | | 1.0 |
| VARBL | | | | | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | | | | | |
| | 22.3 | 26.7 | 17.5 | 5.3 | .4 | .1 | | | | | | | | | | | 22.3 |

TOTAL NUMBER OF OBSERVATIONS

31

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746717
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1600-1800
HOURS

CONDITION

| SPEED KNTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.6 | 1.5 | 1.5 | .9 | | | | | | | | 6.3 | 5.7 |
| NNE | 1.4 | 1.6 | 1.5 | .2 | | | | | | | | 4.7 | 5.6 |
| NE | .7 | 1.5 | .5 | | | | | | | | | 2.7 | 4.1 |
| ENE | .4 | .5 | .4 | | | | | | | | | 1.2 | 5.1 |
| E | 1.5 | 1.7 | 1.7 | | | | | | | | | 4.0 | 4.5 |
| ESE | 1.0 | 1.9 | .4 | | | | | | | | | 3.2 | 4.4 |
| SE | 4.1 | 2.5 | .6 | | | | | | | | | 7.3 | 3.4 |
| SSE | 3.0 | 2.1 | 1.4 | .4 | | | | | | | | 6.8 | 4.0 |
| S | 2.3 | 3.7 | 2.3 | 2.3 | .1 | | | | | | | 10.1 | 6.6 |
| SSW | .5 | 1.0 | 1.9 | 1.0 | .1 | | | | | | | 4.4 | 6.4 |
| SW | 1.1 | 1.0 | .6 | .6 | | | | | | | | 3.3 | 6.7 |
| WSW | 1.0 | 1.1 | 1.1 | .7 | .2 | | | | | | | 4.2 | 7.6 |
| W | 1.6 | 2.1 | 1.4 | .4 | | | | | | | | 5.4 | 5.7 |
| WNW | 1.0 | 1.9 | 1.6 | .6 | .1 | | | | | | | 5.2 | 6.8 |
| NW | .4 | 2.1 | 1.2 | .1 | | | | | | | | 3.8 | 6.7 |
| NNW | .7 | 1.4 | 1.2 | .4 | | | | | | | | 3.7 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.3 | |
| | 23.1 | 26.8 | 18.5 | 7.7 | .6 | | | | | | | 100.2 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS

817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74671 STATION FT CAMPBELL KY 73-81 YEARS

NCV NORTH 900-1100 HOURS (LST)

ALL WEATHER CLASS

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .9 | 1.4 | 2.2 | 1.5 | | | | | | | | 5.9 | 7.5 |
| NNE | .9 | 1.7 | 1.7 | .2 | | | | | | | | 4.6 | 6.4 |
| NE | .5 | 1.1 | 1.9 | .2 | | | | | | | | 3.7 | 6.7 |
| ENE | 1.5 | 1.5 | .2 | | | | | | | | | 3.2 | 4.1 |
| E | 1.0 | 2.3 | .9 | .1 | | | | | | | | 4.3 | 5.1 |
| ESE | 1.1 | 2.3 | .7 | .4 | | | | | | | | 4.6 | 5.3 |
| SE | 1.4 | 2.6 | .9 | | | | | | | | | 4.8 | 4.8 |
| SSE | 1.1 | 3.7 | 1.5 | .2 | | | | | | | | 6.5 | 5.4 |
| S | 1.6 | 4.3 | 3.8 | 2.5 | | | | | | | | 12.2 | 7.4 |
| SSW | .4 | 2.1 | 3.0 | 2.5 | .4 | .1 | | | | | | 8.4 | 9.3 |
| SW | .6 | .9 | 2.6 | 1.7 | .5 | | | | | | | 6.3 | 9.7 |
| WSW | .9 | 1.4 | 1.9 | 1.4 | | | | | | | | 5.4 | 7.9 |
| W | .7 | 2.8 | 2.2 | 1.4 | .4 | | | | | | | 7.5 | 7.9 |
| WNW | .6 | 1.6 | 3.7 | .7 | | | | | | | | 5.9 | 7.4 |
| NW | .4 | 1.4 | 2.7 | 1.4 | .1 | | | | | | | 5.9 | 8.4 |
| NNW | .2 | 1.9 | 2.7 | .6 | | | | | | | | 5.4 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.2 | |
| | 13.7 | 33.0 | 31.9 | 14.8 | 1.4 | .1 | | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

| | | | |
|-------------|----------------|-------|-------------|
| 746710 | FT CAMPBELL KY | 73-81 | NOV |
| STATION | STATION NAME | YEARS | MONTH |
| ALL WEATHER | | | 1200-1400 |
| CLASS | | | HOURS (LST) |
| CONDITION | | | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 2.1 | 2.8 | 1.9 | | | | | | | | 7.7 | 7.8 |
| NNE | .6 | 1.6 | 1.1 | .5 | | | | | | | | 3.8 | 6.9 |
| NE | 1.9 | 1.2 | .6 | .1 | | | | | | | | 3.8 | 4.4 |
| ENE | 1.1 | 1.5 | .9 | .1 | | | | | | | | 3.6 | 5.0 |
| E | 1.5 | 2.2 | .6 | .1 | | | | | | | | 4.4 | 4.6 |
| ESE | 1.0 | 2.1 | .7 | .2 | | | | | | | | 4.1 | 5.2 |
| SE | .9 | 1.4 | .7 | .1 | | | | | | | | 3.1 | 5.4 |
| SSE | .4 | 2.0 | 2.1 | .5 | | | | | | | | 4.9 | 7.0 |
| S | 1.0 | 2.5 | 2.1 | 2.2 | .1 | | | | | | | 7.9 | 8.0 |
| SSW | .4 | 1.7 | 3.1 | 3.6 | .9 | | | | | | | 9.6 | 10.2 |
| SW | .5 | 1.1 | 2.7 | 2.7 | .5 | .1 | | | | | | 7.7 | 10.0 |
| WSW | .7 | 1.7 | 1.6 | 2.0 | .6 | | | | | | | 5.9 | 9.7 |
| W | .6 | 1.9 | 2.0 | 2.3 | .2 | | | | | | | 7.0 | 8.9 |
| WNW | 1.0 | 1.6 | 3.3 | 1.9 | | | | | | | | 7.8 | 8.1 |
| NW | .4 | 1.2 | 1.7 | 1.5 | | | | | | | | 4.8 | 8.4 |
| NNW | 1.5 | 2.5 | 2.5 | 1.2 | .1 | | | | | | | 7.8 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.0 | |
| | 14.2 | 27.5 | 28.6 | 21.0 | 2.5 | .1 | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS

810

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710

FT CAMPBELL KY

73-81

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 2.1 | 2.7 | .2 | | | | | | | | 5.8 | 6.7 |
| NNE | 1.2 | 1.7 | 1.7 | .5 | | | | | | | | 5.2 | 5.9 |
| NE | .5 | .7 | .7 | | | | | | | | | 2.0 | 5.2 |
| ENE | 1.6 | .7 | .5 | .1 | | | | | | | | 3.0 | 4.4 |
| E | 4.3 | 1.9 | 1.0 | | | | | | | | | 7.2 | 3.5 |
| ESE | 1.6 | 1.1 | .4 | .1 | | | | | | | | 3.2 | 4.3 |
| SE | .9 | 1.4 | .5 | .1 | | | | | | | | 2.8 | 5.2 |
| SSE | .9 | 2.3 | 1.2 | .6 | | | | | | | | 5.1 | 6.3 |
| S | 1.2 | 3.2 | 2.5 | 1.5 | .2 | | | | | | | 8.6 | 7.3 |
| SSW | 1.0 | 1.7 | 3.1 | 1.5 | .4 | | | | | | | 7.7 | 8.5 |
| SW | .9 | 1.5 | 2.0 | 1.7 | .1 | | | | | | | 6.2 | 8.5 |
| WSW | 1.1 | 1.7 | 2.2 | .4 | | | | | | | | 5.4 | 6.5 |
| W | .5 | 2.6 | 1.9 | 1.2 | .2 | | | | | | | 6.4 | 7.9 |
| WNW | 1.6 | 1.7 | 1.6 | .5 | | | | | | | | 5.4 | 5.9 |
| NW | 1.4 | 2.1 | 1.9 | .4 | | | | | | | | 5.7 | 6.2 |
| NNW | 1.0 | 1.5 | 3.3 | .9 | | | | | | | | 6.7 | 7.5 |
| VARBL | | | | | | | | | | | | 13.7 | |
| CALM | | | | | | | | | | | | | |
| | 20.4 | 28.0 | 27.2 | 9.8 | 1.0 | | | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS

810

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

| SPEED KNTS/ DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | 2.6 | 1.5 | .5 | | | | | | | | 6.8 | 5.3 |
| NNE | 2.7 | 1.6 | .9 | .1 | | | | | | | | 5.3 | 4.4 |
| NE | 1.2 | .4 | .5 | | | | | | | | | 2.1 | 4.4 |
| ENE | 1.5 | .6 | .2 | .1 | | | | | | | | 2.5 | 3.9 |
| E | 2.3 | .7 | .1 | .1 | | | | | | | | 3.3 | 3.3 |
| ESE | 2.2 | 1.1 | | | | | | | | | | 3.3 | 2.9 |
| SE | 1.2 | 1.6 | .9 | | | | | | | | | 3.7 | 4.9 |
| SSE | 1.4 | 1.1 | 1.2 | .6 | | | | | | | | 4.3 | 6.4 |
| S | 2.0 | 4.9 | 3.1 | 1.6 | .2 | | | | | | | 11.9 | 6.8 |
| SSW | 1.0 | 1.1 | 1.0 | .4 | .2 | | | | | | | 3.7 | 6.8 |
| SW | .5 | 1.2 | 1.4 | .2 | .1 | .1 | | | | | | 3.6 | 7.6 |
| WSW | .7 | .9 | .1 | .4 | .1 | | | | | | | 2.2 | 6.9 |
| W | 1.6 | 2.8 | .9 | .6 | .4 | .1 | | | | | | 6.4 | 6.5 |
| WNW | 1.1 | 1.5 | .2 | .1 | | | | | | | | 3.3 | 4.3 |
| NW | 1.1 | .7 | .7 | .6 | | | | | | | | 3.2 | 6.4 |
| NNW | .7 | 1.0 | 1.6 | .6 | | | | | | | | 4.0 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 30.7 | |
| | 23.6 | 24.0 | 14.3 | 6.0 | 1.1 | .2 | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS

810

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746717
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

NOV
MONTH

ALL WEATHER
CLASS

2107-2300
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.6 | 1.2 | 2.8 | .5 | | | | | | | | 7.2 | 5.8 |
| NNE | 1.7 | 1.6 | 1.1 | | | | | | | | | 4.4 | 4.8 |
| NE | 1.0 | .5 | .6 | .2 | | | | | | | | 2.3 | 5.3 |
| ENE | .5 | .9 | .5 | .1 | | | | | | | | 2.7 | 5.7 |
| E | 1.5 | 1.2 | | | | | | | | | | 2.7 | 3.1 |
| ESE | 2.2 | 1.0 | | | | | | | | | | 3.2 | 3.0 |
| SE | 2.6 | 1.6 | .5 | | | | | | | | | 4.7 | 3.8 |
| SSE | 1.4 | 1.6 | 1.2 | .1 | | | | | | | | 4.3 | 5.1 |
| S | 1.9 | 5.3 | 2.2 | 2.5 | .2 | | | | | | | 12.1 | 6.9 |
| SSW | .4 | 2.0 | 1.0 | .4 | .1 | | | | | | | 3.8 | 6.7 |
| SW | .7 | 1.4 | 1.4 | .6 | .2 | .1 | .1 | | | | | 4.6 | 8.8 |
| WSW | .9 | 1.2 | .5 | .6 | .4 | | | | | | | 3.6 | 7.8 |
| W | 2.2 | 1.7 | .9 | .4 | .2 | .1 | | | | | | 5.6 | 5.8 |
| WNW | .4 | 1.0 | .5 | .2 | | | | | | | | 2.1 | 6.4 |
| NW | .2 | .5 | 1.1 | .5 | | | | | | | | 2.3 | 8.2 |
| NNW | .9 | 1.9 | 2.0 | .6 | | | | | | | | 5.3 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.8 | |
| | 21.0 | 24.6 | 16.3 | 6.8 | 1.2 | .2 | .1 | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS

810

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74671
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
MOON

HOURE (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.8 | 1.7 | 2.2 | .9 | .7 | | | | | | | 6.6 | 6.4 |
| NNE | 1.3 | 1.6 | 1.2 | .3 | | | | | | | | 4.4 | 5.5 |
| NE | 1.0 | 1.7 | .7 | .1 | | | | | | | | 2.7 | 5.0 |
| ENE | 1.0 | .9 | .5 | .1 | | | | | | | | 2.5 | 4.7 |
| E | 1.9 | 1.5 | .5 | .0 | | | | | | | | 3.9 | 4.0 |
| ESE | 1.7 | 1.6 | .3 | .1 | | | | | | | | 3.7 | 4.0 |
| SE | 2.0 | 2.0 | .7 | .0 | | | | | | | | 4.7 | 4.3 |
| SSE | 1.4 | 2.1 | 1.4 | .3 | | | | | | | | 5.2 | 5.6 |
| S | 1.9 | 3.8 | 2.6 | 2.0 | .1 | | | | | | | 10.4 | 7.0 |
| SSW | .7 | 1.5 | 2.0 | 1.4 | .3 | .0 | | | | | | 5.9 | 8.3 |
| SW | .8 | 1.1 | 1.5 | 1.1 | .2 | .1 | .0 | | | | | 4.8 | 8.5 |
| WSW | 1.1 | 1.1 | 1.2 | .8 | .2 | .0 | | | | | | 4.5 | 7.5 |
| W | 1.2 | 2.4 | 1.5 | .9 | .2 | .0 | | | | | | 6.2 | 7.0 |
| WNW | .8 | 1.7 | 1.5 | .5 | .0 | | | | | | | 4.5 | 6.6 |
| NW | .6 | 1.3 | 1.5 | .6 | .0 | | | | | | | 4.0 | 7.1 |
| NNW | .8 | 1.6 | 1.9 | .6 | .0 | | | | | | | 5.0 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.9 | |
| | 20.0 | 26.8 | 21.2 | 9.8 | 1.1 | .2 | .0 | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS

6980

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.8 | 2.7 | 2.5 | .2 | | | | | | | 8.5 | 8.5 |
| NNE | .2 | 1.0 | .7 | | | | | | | | | 1.9 | 6.1 |
| NE | 1.3 | 1.1 | .2 | | | | | | | | | 2.6 | 3.9 |
| ENE | .7 | .5 | .2 | | | | | | | | | 1.4 | 4.3 |
| E | 1.0 | 1.1 | | | | | | | | | | 2.0 | 3.4 |
| ESE | 1.3 | .4 | .2 | | | | | | | | | 1.9 | 3.3 |
| SE | 2.5 | 1.2 | .4 | .1 | | | | | | | | 4.2 | 3.7 |
| SSE | 2.3 | 3.1 | 2.5 | .7 | | | | | | | | 8.6 | 5.8 |
| S | 3.2 | 5.3 | 4.1 | 1.4 | .1 | | | | | | | 14.1 | 6.3 |
| SSW | 1.1 | 1.9 | 1.0 | 1.8 | | | | | | | | 5.7 | 7.3 |
| SW | 1.1 | 1.4 | 1.3 | .5 | .1 | | | | | | | 4.4 | 6.6 |
| WSW | .7 | .6 | .8 | .4 | | .1 | | | | | | 2.6 | 7.1 |
| W | .8 | 1.0 | .7 | 1.4 | | | | | | | | 3.9 | 8.5 |
| W. W | 1.1 | 1.3 | .8 | .1 | | | | | | | | 3.3 | 5.4 |
| NW | .8 | 2.0 | 1.4 | .7 | .1 | | | | | | | 5.1 | 7.0 |
| NNW | .7 | 1.9 | 2.4 | 1.3 | .1 | | | | | | | 6.5 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.1 | |
| | 20.1 | 25.4 | 19.6 | 11.0 | .7 | .1 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746710
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 1.9 | 2.7 | 1.9 | | | | | | | | 7.9 | 7.3 |
| NNE | | 1.4 | .5 | .2 | | | | | | | | 2.2 | 6.2 |
| NE | .5 | .7 | .7 | | | | | | | | | 1.9 | 5.1 |
| ENE | .7 | .7 | .1 | | | | | | | | | 1.6 | 4.4 |
| E | 1.0 | 1.0 | .2 | | | | | | | | | 2.2 | 3.8 |
| ESE | 2.2 | 1.7 | .2 | | | | | | | | | 4.1 | 3.4 |
| SE | 2.3 | 3.1 | .4 | | | | | | | | | 5.7 | 4.1 |
| SSE | 1.8 | 2.7 | 1.4 | 1.0 | | | | | | | | 6.9 | 5.9 |
| S | 3.6 | 4.5 | 4.3 | 1.3 | | | | | | | | 13.7 | 6.1 |
| SSW | 2.0 | 2.7 | 1.2 | .7 | | | | | | | | 6.7 | 5.5 |
| SW | .4 | 1.1 | .8 | 1.2 | | | | | | | | 3.5 | 8.8 |
| WSW | .5 | 1.1 | 1.1 | .4 | .4 | | | | | | | 3.3 | 7.8 |
| W | .5 | 1.0 | 1.1 | .4 | | | | | | | | 2.9 | 6.5 |
| WNW | 1.0 | 1.3 | 1.2 | .7 | | | | | | | | 4.2 | 6.4 |
| NW | 1.2 | 1.6 | 1.8 | .5 | | | | | | | | 5.0 | 6.5 |
| NNW | .7 | 2.3 | 2.7 | 1.7 | .2 | .1 | | | | | | 7.8 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.5 | |
| | 19.5 | 28.8 | 20.5 | 9.9 | .6 | .1 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS

837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746717
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

2600-0800
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 2.4 | 3.1 | .5 | | | | | | | | 7.2 | 6.5 |
| NNE | .4 | 1.3 | 1.7 | .2 | | | | | | | | 3.6 | 7.0 |
| NE | .6 | 1.3 | .2 | | | | | | | | | 2.2 | 4.3 |
| ENE | .7 | 1.4 | .4 | | | | | | | | | 2.5 | 4.4 |
| E | .6 | 1.2 | .1 | | | | | | | | | 1.9 | 4.1 |
| ESE | 1.9 | 1.7 | | | | | | | | | | 3.6 | 3.6 |
| SE | 3.1 | 3.5 | .1 | .5 | | | | | | | | 7.2 | 4.2 |
| SSE | 2.7 | 3.9 | 1.8 | .6 | | .1 | | | | | | 9.2 | 5.5 |
| S | 1.9 | 4.7 | 3.6 | .8 | | .1 | | | | | | 11.1 | 6.4 |
| SSW | 2.5 | 2.2 | 1.8 | 1.0 | .1 | | | | | | | 7.5 | 5.9 |
| SW | 1.1 | 1.3 | .4 | .6 | | | | | | | | 3.3 | 5.9 |
| WSW | .8 | 1.2 | .6 | .6 | .5 | .1 | | | | | | 3.8 | 9.0 |
| W | 1.1 | .8 | 1.2 | .6 | | | | | | | | 3.7 | 6.7 |
| WNW | .8 | 1.6 | .8 | .5 | .1 | | | | | | | 3.8 | 6.5 |
| NW | 1.2 | 1.4 | 1.4 | .6 | | | | | | | | 4.7 | 6.3 |
| NNW | 1.0 | 2.6 | 3.0 | 2.0 | | | | | | | | 8.6 | 8.0 |
| VARBL | | | | | | | | | | | | 16.1 | |
| CALM | | | | | | | | | | | | | |
| | 21.6 | 32.5 | 20.2 | 8.5 | .7 | .4 | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

746710 FT CAMPBELL KY 73-81 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0900-1100
HOURS (LST)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | 2.7 | 3.8 | 1.9 | .2 | | | | | | | 9.3 | 8.1 |
| NNE | .8 | .8 | 1.4 | .4 | | | | | | | | 3.5 | 6.3 |
| NE | .4 | 1.3 | .5 | | | | | | | | | 2.2 | 5.3 |
| ENE | .7 | 1.8 | 1.2 | | | | | | | | | 3.7 | 5.9 |
| E | .7 | 1.4 | 1.1 | | | | | | | | | 3.2 | 5.6 |
| ESE | .8 | 1.3 | .7 | | | | | | | | | 2.9 | 4.9 |
| SE | 1.4 | 1.7 | 1.7 | .1 | | | | | | | | 4.9 | 5.3 |
| SSE | 1.4 | 3.5 | 3.1 | .6 | | | | | | | | 8.6 | 6.4 |
| S | .6 | 3.9 | 6.0 | 1.8 | .2 | | | | | | | 12.5 | 7.9 |
| SSW | .6 | 1.6 | 3.2 | 2.0 | .1 | .1 | | | | | | 7.6 | 8.9 |
| SW | .6 | 1.7 | 3.0 | 2.2 | .2 | | | | | | | 7.6 | 8.9 |
| WSW | 1.0 | 1.7 | 2.5 | 1.6 | .4 | | | | | | | 7.0 | 8.5 |
| W | 1.0 | 1.0 | 2.0 | 1.4 | .2 | | | | | | | 5.6 | 8.8 |
| WNW | .5 | 1.2 | 2.2 | 1.1 | .1 | | | | | | | 5.0 | 8.2 |
| NW | .2 | 2.0 | 1.9 | .7 | | | | | | | | 4.9 | 7.4 |
| NNW | .8 | 1.4 | 2.4 | 2.0 | .2 | | | | | | | 6.9 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.4 | |
| | 12.2 | 29.0 | 36.7 | 15.8 | 1.8 | .1 | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746717 FT CAMPBELL KY 73-81 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (LST)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 2.5 | 2.7 | 2.0 | .1 | | | | | | | 8.5 | 7.8 |
| NNE | .7 | 1.2 | .5 | | | | | | | | | 2.4 | 4.6 |
| NE | .7 | 1.1 | .7 | .2 | | | | | | | | 2.7 | 6.1 |
| ENE | 1.1 | 1.2 | .2 | .1 | | | | | | | | 2.6 | 4.5 |
| E | 1.3 | .8 | .8 | .1 | | | | | | | | 2.7 | 5.2 |
| ESE | .5 | 1.4 | .5 | | | | | | | | | 2.4 | 5.3 |
| SE | .6 | 1.8 | .8 | | | | | | | | | 3.2 | 5.7 |
| SSE | .5 | 2.4 | 2.3 | .5 | | | | | | | | 5.6 | 6.9 |
| S | .7 | 2.6 | 5.1 | 2.4 | .4 | | | | | | | 11.2 | 8.6 |
| SSW | 1.0 | 1.1 | 4.7 | 3.6 | .2 | .1 | | | | | | 10.6 | 9.7 |
| SW | .5 | .8 | 3.9 | 1.8 | .2 | | | | | | | 7.3 | 9.3 |
| WSW | 1.3 | .8 | 3.9 | 3.1 | .5 | .2 | | | | | | 9.9 | 9.8 |
| W | 1.3 | 1.6 | 2.9 | 1.3 | .1 | | | | | | | 7.2 | 7.6 |
| WNW | 1.0 | 1.6 | 3.2 | 1.2 | | | | | | | | 6.9 | 7.7 |
| NW | .4 | 1.4 | 2.6 | .8 | | | | | | | | 5.3 | 7.8 |
| NNW | .5 | 1.4 | 3.3 | 2.9 | .1 | | | | | | | 8.2 | 9.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 12.7 | 23.8 | 38.4 | 20.1 | 1.7 | .4 | | | | | | 170.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

74671
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS LST

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 1.6 | 2.3 | 1.4 | .4 | | | | | | | 6.3 | 8.4 |
| NNE | .7 | .7 | 1.3 | .1 | | | | | | | | 2.9 | 6.1 |
| NE | 1.0 | .7 | .7 | .2 | | | | | | | | 2.6 | 5.5 |
| ENE | 1.4 | .8 | .5 | | | | | | | | | 2.7 | 3.9 |
| E | 1.6 | 1.4 | .4 | | | | | | | | | 3.3 | 3.9 |
| ESE | .4 | 1.6 | .6 | | | | | | | | | 2.5 | 4.0 |
| SE | 1.2 | 1.4 | .8 | | | | | | | | | 3.5 | 4.4 |
| SSE | 1.2 | 3.1 | 2.6 | .5 | | | | | | | | 7.4 | 6.4 |
| S | 2.0 | 3.8 | 4.3 | 1.2 | .2 | | | | | | | 11.6 | 7.5 |
| SSW | 1.2 | 3.8 | 3.9 | 1.7 | .1 | | | | | | | 10.8 | 7.5 |
| SW | .4 | 1.4 | 2.4 | .4 | .1 | | | | | | | 4.7 | 7.7 |
| WSW | .8 | 1.6 | 1.9 | .6 | .2 | | | | | | | 5.1 | 7.5 |
| W | 1.1 | 2.4 | 1.9 | 1.1 | .1 | | | | | | | 6.6 | 7.0 |
| WNW | 1.6 | 2.0 | 2.3 | .8 | | | | | | | | 6.7 | 6.1 |
| NW | .5 | 1.9 | 2.5 | .6 | | | | | | | | 5.5 | 7.0 |
| NNW | .6 | 1.3 | 3.5 | 2.3 | .2 | | | | | | | 7.9 | 9.5 |
| VARBL | | | | | | | | | | | | 9.9 | |
| CALM | | | | | | | | | | | | | |
| | 16.2 | 29.6 | 31.9 | 10.9 | 1.4 | | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

746717 FT CAMPBELL KY 73-81 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
1900-2000
HOURS (LST)

| SPEED KNTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 2.7 | 2.8 | 1.2 | .2 | | | | | | | 7.9 | 7.5 |
| NNE | 1.0 | 1.2 | .8 | | | | | | | | | 3.7 | 5.2 |
| NE | .8 | .7 | .4 | .1 | | | | | | | | 1.6 | 4.7 |
| ENE | .8 | .6 | .1 | | | | | | | | | 1.6 | 3.9 |
| E | 1.8 | .7 | .5 | .2 | | | | | | | | 3.2 | 4.1 |
| ESE | 2.0 | 1.0 | .2 | | | | | | | | | 3.2 | 3.4 |
| SE | 1.3 | 1.3 | .5 | .1 | | | | | | | | 3.2 | 4.7 |
| SSE | 3.0 | 3.2 | 2.5 | .5 | | | | | | | | 9.2 | 5.4 |
| S | 2.4 | 6.0 | 3.2 | .5 | .4 | | | | | | | 12.5 | 6.7 |
| SSW | 1.4 | 3.2 | 1.2 | .1 | .1 | .1 | | | | | | 6.2 | 5.7 |
| SW | .8 | 1.0 | .6 | .4 | .1 | | | | | | | 2.9 | 6.1 |
| WSW | .8 | .2 | .4 | .7 | | | | | | | | 2.2 | 7.3 |
| W | 1.7 | .7 | .4 | .7 | | | | | | | | 3.5 | 5.8 |
| WNW | 1.0 | 1.3 | .8 | .4 | | | | | | | | 3.5 | 6.1 |
| NW | 1.1 | 2.3 | 3.1 | .1 | | | | | | | | 6.6 | 6.3 |
| NNW | .8 | 3.0 | 2.6 | 1.9 | .2 | | | | | | | 8.6 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.1 | |
| | 22.5 | 28.1 | 20.1 | 7.0 | 1.1 | .1 | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74671 STATION NAME FT CAMPBELL KY YEARS 73-81 MONTH DEC
CLASS ALL WEATHER HOURS 217-2300
CONDITION

| SPEED KNTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.8 | 2.4 | 2.6 | 3.5 | .1 | | | | | | | 9.5 | 7.8 |
| NNE | .4 | 1.2 | .7 | .1 | | | | | | | | 2.4 | 5.3 |
| NE | 1.0 | 1.0 | .2 | | | | | | | | | 2.2 | 4.0 |
| ENE | 1.4 | .5 | | | | | | | | | | 1.9 | 3.0 |
| E | 2.0 | .6 | .1 | | | | | | | | | 2.8 | 3.2 |
| ESE | 1.0 | .6 | | | | | | | | | | 1.6 | 3.1 |
| SE | 1.3 | 1.9 | .1 | | | | | | | | | 3.4 | 4.0 |
| SSE | 1.9 | 2.6 | 2.7 | .1 | | | | | | | | 6.7 | 5.2 |
| S | 3.4 | 5.6 | 4.1 | 2.0 | .1 | | | | | | | 15.2 | 6.3 |
| SSW | 1.2 | 1.9 | 1.4 | 1.0 | | | | | | | | 5.0 | 6.9 |
| SW | 1.0 | .5 | 1.0 | .6 | | | | | | | | 3.7 | 6.8 |
| WSW | .7 | 1.1 | .5 | .2 | .1 | | | | | | | 2.6 | 6.0 |
| W | .2 | 1.0 | .8 | .6 | .2 | | | | | | | 2.9 | 8.7 |
| WNW | .1 | 1.1 | .8 | .1 | | | | | | | | 2.2 | 6.8 |
| NW | 1.0 | 1.7 | 3.0 | .8 | | | | | | | | 6.5 | 7.2 |
| NNW | .6 | 3.1 | 2.6 | 1.3 | .2 | | | | | | | 7.9 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.9 | |
| | 19.9 | 26.7 | 20.1 | 9.5 | .8 | | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 634

USUAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2457.1 FT CAMPBELL KY STATION NAME 73-81 YEARS DEC NORTH
ALL WEATHER CLASS ALL HOURS (LST)

| SPEED KNTS DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 2.2 | 2.9 | 1.7 | .2 | | | | | | | 8.1 | 7.8 |
| NNE | .5 | 1.1 | 1.0 | .1 | | | | | | | | 2.7 | 6.0 |
| NE | .8 | .9 | .5 | .1 | | | | | | | | 2.2 | 4.9 |
| ENE | 1.0 | .9 | .3 | .0 | | | | | | | | 2.3 | 4.4 |
| E | 1.2 | 1.0 | .4 | .0 | | | | | | | | 2.7 | 4.2 |
| ESE | 1.3 | 1.2 | .3 | | | | | | | | | 2.8 | 4.0 |
| SE | 1.7 | 2.0 | .6 | .1 | | | | | | | | 4.4 | 4.5 |
| SSE | 1.9 | 3.1 | 2.3 | .6 | | .0 | | | | | | 7.8 | 5.9 |
| S | 2.2 | 4.6 | 4.3 | 1.4 | .2 | .0 | | | | | | 12.8 | 6.8 |
| SSW | 1.4 | 2.3 | 2.3 | 1.5 | .1 | .0 | | | | | | 7.6 | 7.4 |
| SW | .7 | 1.2 | 1.7 | .9 | .1 | | | | | | | 4.6 | 7.9 |
| WSW | .8 | 1.0 | 1.5 | .9 | .3 | .1 | | | | | | 4.5 | 8.4 |
| W | 1.0 | 1.2 | 1.4 | .9 | .1 | | | | | | | 4.5 | 7.5 |
| WNW | .9 | 1.4 | 1.5 | .6 | .0 | | | | | | | 4.5 | 6.8 |
| NW | .8 | 1.8 | 2.2 | .6 | .0 | | | | | | | 5.4 | 6.9 |
| NNW | .7 | 2.1 | 2.8 | 1.9 | .2 | .0 | | | | | | 7.8 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.3 | |
| | 18.0 | 28.0 | 25.9 | 11.6 | 1.1 | .1 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 6693

GLOBAL CLIMATOLOGY BRANCH
USAF LTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746715
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

ALL
NORTH

ALL WEATHER
CLASS

ALL
HOURS (L & T)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.8 | 2.2 | 2.3 | 1.0 | .1 | .0 | | | | | | 7.4 | 6.6 |
| NNE | 1.4 | 1.5 | 1.1 | .3 | .0 | .0 | | | | | | 4.4 | 5.5 |
| NE | 1.1 | 1.1 | .7 | .2 | .0 | .0 | | | | | | 3.1 | 5.1 |
| ENE | 1.0 | 1.1 | .5 | .1 | .0 | | | | | | | 2.7 | 4.3 |
| E | 1.7 | 1.5 | .7 | .1 | .0 | | | | | | | 4.0 | 4.4 |
| ESE | 1.5 | 1.3 | .4 | .0 | .0 | | | | | | | 3.2 | 4.1 |
| SE | 1.7 | 1.5 | .5 | .1 | .0 | | | | | | | 3.8 | 4.3 |
| SSE | 1.6 | 2.1 | 1.2 | .4 | .0 | .0 | | | | | | 5.3 | 5.6 |
| S | 2.3 | 3.7 | 2.7 | 1.2 | .2 | .0 | .0 | | | | | 10.1 | 6.5 |
| SSW | 1.4 | 2.1 | 2.1 | 1.2 | .2 | .0 | .0 | .0 | | | | 7.0 | 7.3 |
| SW | .9 | 1.3 | 1.5 | 1.0 | .2 | .0 | .0 | | | | | 4.9 | 7.9 |
| WSW | 1.0 | 1.3 | 1.3 | .8 | .2 | .0 | | | | | | 4.6 | 7.5 |
| W | 1.1 | 1.6 | 1.4 | .7 | .1 | .0 | .0 | | | | | 5.0 | 7.0 |
| WNW | .8 | 1.1 | 1.1 | .4 | .0 | .0 | .0 | | | | | 3.5 | 6.5 |
| NW | .8 | 1.3 | 1.2 | .5 | .0 | .0 | | | | | | 3.8 | 6.7 |
| NNW | .9 | 1.6 | 1.8 | .9 | .1 | .0 | | | | | | 5.3 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 72.1 | |
| | 20.9 | 26.2 | 20.6 | 8.9 | 1.1 | .2 | .0 | .0 | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS

78880

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

746717
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

ALL
MONTH

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL
HOURS (LST)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 2.5 | 4.4 | 2.8 | .2 | .0 | | | | | | 11.7 | 8.1 |
| NNE | .9 | 1.9 | 1.9 | .8 | .0 | .0 | | | | | | 5.5 | 7.0 |
| NE | 1.2 | 1.3 | .9 | .3 | .0 | .0 | | | | | | 3.8 | 5.7 |
| ENE | 1.0 | 1.0 | .5 | .2 | .0 | | | | | | | 2.7 | 5.0 |
| E | 1.3 | 1.4 | .6 | .1 | | | | | | | | 3.4 | 4.7 |
| ESE | 1.3 | 1.3 | .4 | .1 | .0 | | | | | | | 3.1 | 4.3 |
| SE | 1.7 | 1.4 | .8 | .2 | .0 | | | | | | | 4.1 | 4.8 |
| SSE | 1.2 | 1.7 | 1.3 | .4 | .1 | | | | | | | 4.6 | 6.0 |
| S | 1.6 | 2.4 | 2.2 | .8 | .1 | .0 | | | | | | 7.1 | 6.6 |
| SSW | 1.0 | 1.6 | 1.5 | .7 | .1 | .0 | | | | | | 4.8 | 6.8 |
| SW | .7 | .9 | 1.0 | .4 | .1 | .1 | | | | | | 3.2 | 7.3 |
| WSW | .7 | .8 | 1.1 | .6 | .2 | .1 | | | | | | 3.5 | 7.9 |
| W | 1.0 | 1.2 | 1.2 | .6 | .2 | .0 | | | | | | 4.2 | 7.2 |
| WNW | .8 | 1.2 | 1.5 | .6 | .1 | | | | | | | 4.3 | 7.0 |
| NW | .8 | 1.8 | 2.0 | .9 | .1 | .0 | | | | | | 5.6 | 7.4 |
| NNW | 1.0 | 2.1 | 3.2 | 2.3 | .2 | .0 | | | | | | 8.9 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.7 | |
| | 17.9 | 24.5 | 24.6 | 11.7 | 1.3 | .2 | | | | | | 170.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS

9796

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

| | | | |
|-----------|--------------|----------------|-------|
| STATION | STATION NAME | YEARS | MONTH |
| CLASS | | HOURS (L.S.T.) | |
| CONDITION | | | |

| SPEED (KNTS): DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|--------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|----------|----------|----------|----------|---------------------|----------|---------------------|---------------------|----------|--------------------|--------------------|--------------------|--------------------|---------------------|----------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | $\geq 2\frac{1}{2}$ | ≥ 2 | $\geq 1\frac{1}{2}$ | $\geq 1\frac{1}{4}$ | ≥ 1 | $\geq \frac{3}{4}$ | $\geq \frac{1}{2}$ | $\geq \frac{1}{4}$ | $\geq \frac{1}{8}$ | $\geq \frac{1}{16}$ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 1800 | | | | | | | | | | | | | | | | |
| ≥ 1500 | | | | | 91.0 | | | | | | | | | | | 92.6 |
| ≥ 1200 | | | | | | | | | | | | | | | | |
| ≥ 1000 | | | | | | | | | | | | | | | | |
| ≥ 900 | | | | | | | | | | | | | | | | |
| ≥ 800 | | | | | | | | | | | | | | | | |
| ≥ 700 | | | | | | | | | | | | | | | | |
| ≥ 600 | | | | | | | | | | | | | | | | |
| ≥ 500 | | | | | | | | | | 97.4 | | | | | | 98.1 |
| ≥ 400 | | | | | | | | | | | | | | | | |
| ≥ 300 | | | | | | | | | | | | | | | | |
| ≥ 200 | | | | | | | | | | | | | | | | |
| ≥ 100 | | | | | | | | | | | | | | | | |
| ≥ 0 | | | | | 95.4 | | 96.9 | | | 98.3 | | | | | | 100.0 |

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GENERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/440

CEILING VERSUS VISIBILITY

10671 FT CAMPBELL KY

73-81

JAN 1974

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-1-74

| CEILING FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 20000 | 9.3 | 36.8 | 37.8 | 38.8 | 39.4 | 39.5 | 39.8 | 39.9 | 39.9 | 40.4 | 40.5 | 40.5 | 40.5 | 40.5 | 40.7 | 41.3 |
| 18000 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 16000 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 14000 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 12000 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 10000 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 8000 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 6000 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 4000 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 2000 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 1000 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 500 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 200 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 100 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 50 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 25 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 12 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 6 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 3 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 1 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |
| 0 | 10.2 | 39.3 | 40.4 | 41.5 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.4 | 44.0 |

TOTAL NUMBER OF OBSERVATIONS 177

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

' 3 - 2 '

2000

SUBSISTENCE

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 537

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
AFETAC
31 WEATHER SERVICE /MAC

CEILING VERSUS VISIBILITY

447 FT CAMPBELL KY STATION NAME

72-01

46

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1-1-1962

| | | VISIBILITY IN FEET | | | | | | | | | | | | | | | | | | | |
|------|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| | | 200 | 26 | 32 | 38 | 44 | 50 | 56 | 62 | 68 | 74 | 80 | 86 | 92 | 98 | 104 | 110 | 116 | 122 | 128 | |
| 1000 | 13.7 | 39.9 | 41.0 | 41.2 | 41.3 | 41.3 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | |
| 900 | 15.4 | 40.4 | 47.4 | 47.8 | 48.0 | 48.2 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | |
| 800 | 15.9 | 45.4 | 47.4 | 47.6 | 48.0 | 48.0 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | |
| 700 | 15.3 | 40.4 | 47.4 | 47.6 | 48.0 | 48.0 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | |
| 600 | 15.7 | 47.1 | 48.1 | 48.5 | 48.7 | 48.7 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | |
| 500 | 16.1 | 40.6 | 48.7 | 50.1 | 50.3 | 50.3 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | |
| 400 | 16.5 | 51.7 | 52.9 | 53.5 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | |
| 300 | 16.3 | 51.7 | 52.9 | 53.5 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | |
| 200 | 16.1 | 53.5 | 54.7 | 55.3 | 55.7 | 55.7 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | |
| 100 | 16.3 | 54.1 | 55.3 | 56.0 | 56.4 | 56.4 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | |
| 0 | 16.5 | 55.3 | 56.6 | 57.3 | 57.7 | 57.7 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | |
| 1000 | 16.5 | 56.2 | 57.5 | 58.2 | 58.5 | 58.5 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | |
| 900 | 16.5 | 56.2 | 57.5 | 58.2 | 58.5 | 58.5 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | |
| 800 | 16.7 | 56.9 | 58.2 | 58.9 | 59.3 | 59.3 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | |
| 700 | 16.3 | 57.9 | 59.4 | 61.1 | 61.9 | 61.9 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | |
| 600 | 12.4 | 61.8 | 62.2 | 62.0 | 63.2 | 63.2 | 64.2 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | |
| 500 | 12.2 | 62.2 | 63.2 | 65.1 | 65.7 | 65.7 | 66.4 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | |
| 400 | 12.2 | 64.4 | 66.2 | 68.6 | 69.3 | 69.3 | 70.1 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | |
| 300 | 12.2 | 65.0 | 67.7 | 69.7 | 71.7 | 71.7 | 71.9 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | |
| 200 | 12.2 | 66.7 | 70.4 | 73.2 | 74.9 | 74.9 | 76.1 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | |
| 100 | 12.4 | 68.5 | 73.1 | 76.6 | 78.6 | 78.6 | 80.5 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | |
| 0 | 12.4 | 69.3 | 74.1 | 78.1 | 81.5 | 81.5 | 82.2 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | |
| 1000 | 12.4 | 69.4 | 74.5 | 78.9 | 81.9 | 81.9 | 83.2 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | |
| 900 | 12.4 | 69.9 | 75.3 | 80.2 | 83.8 | 83.8 | 85.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | |
| 800 | 12.4 | 69.9 | 75.3 | 80.2 | 83.8 | 83.8 | 85.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | |
| 700 | 12.4 | 69.9 | 75.3 | 80.2 | 83.8 | 83.8 | 85.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | |
| 600 | 12.4 | 69.9 | 75.3 | 80.2 | 83.8 | 83.8 | 85.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | |
| 500 | 12.4 | 69.9 | 75.3 | 80.2 | 83.8 | 83.8 | 85.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | |
| 400 | 12.4 | 69.9 | 75.3 | 80.2 | 83.8 | 83.8 | 85.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | |
| 300 | 12.4 | 69.9 | 75.3 | 80.2 | 83.8 | 83.8 | 85.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | |
| 200 | 12.4 | 69.9 | 75.3 | 80.2 | 83.8 | 83.8 | 85.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | |
| 100 | 12.4 | 69.9 | 75.3 | 80.2 | 83.8 | 83.8 | 85.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | |
| 0 | 12.4 | 69.9 | 75.3 | 80.2 | 83.8 | 83.8 | 85.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | |

TOTAL NUMBER OF OBSERVATIONS 117

CLIMATE CLIMATOLOGY BRANCH
AF TAC
WEATHER SERVICE TAC

CEILING VERSUS VISIBILITY

437 FT CAMPBELL KY

73-51

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

437

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
| 1000 | 13.4 | 41.7 | 41.7 | 41.3 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| 900 | 15.7 | 43.6 | 43.6 | 43.3 | 43.7 | 43.5 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 |
| 800 | 15.7 | 45.9 | 45.9 | 45.6 | 45.8 | 45.7 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 |
| 700 | 15.7 | 46.9 | 46.6 | 46.6 | 46.6 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 600 | 15.7 | 48.7 | 51.4 | 51.4 | 51.4 | 51.5 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 500 | 16.7 | 52.7 | 53.4 | 53.4 | 53.4 | 53.5 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| 400 | 17.1 | 55.4 | 56.7 | 56.3 | 56.3 | 56.4 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| 300 | 17.3 | 55.9 | 56.6 | 56.6 | 56.6 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 200 | 17.4 | 57.3 | 59.1 | 59.3 | 59.7 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| 100 | 17.4 | 59.3 | 62.3 | 62.9 | 62.6 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| 0 | 17.4 | 61.3 | 61.3 | 62.0 | 62.2 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| 1000 | 17.4 | 61.3 | 63.7 | 63.7 | 64.7 | 64.7 | 64.4 | 64.6 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| 900 | 17.4 | 61.3 | 63.4 | 63.9 | 64.4 | 64.6 | 64.8 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| 800 | 17.7 | 63.5 | 64.4 | 64.3 | 65.4 | 65.5 | 65.9 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| 700 | 18.3 | 64.8 | 66.7 | 66.8 | 67.3 | 67.5 | 67.7 | 68.0 | 68.7 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 600 | 19.2 | 65.6 | 67.3 | 67.2 | 67.7 | 68.9 | 69.2 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| 500 | 19.1 | 67.1 | 67.9 | 71.3 | 71.7 | 71.6 | 71.8 | 72.3 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| 400 | 19.2 | 67.2 | 72.0 | 73.5 | 75.7 | 75.3 | 75.6 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| 300 | 19.2 | 69.3 | 72.6 | 74.4 | 76.1 | 76.2 | 76.6 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 200 | 19.2 | 71.2 | 75.7 | 78.1 | 79.9 | 80.5 | 80.9 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| 100 | 19.2 | 72.1 | 76.2 | 79.8 | 80.4 | 83.3 | 83.4 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 0 | 19.2 | 72.5 | 77.7 | 81.2 | 84.1 | 84.7 | 85.4 | 86.5 | 86.5 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 1000 | 19.4 | 72.9 | 77.4 | 80.2 | 85.7 | 86.5 | 87.5 | 88.6 | 88.6 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| 900 | 19.4 | 73.1 | 77.5 | 82.6 | 86.4 | 87.5 | 88.5 | 89.7 | 89.7 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| 800 | 19.4 | 73.1 | 77.5 | 82.7 | 87.1 | 88.3 | 89.6 | 91.9 | 91.7 | 91.5 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| 700 | 19.4 | 73.1 | 77.7 | 82.8 | 87.5 | 88.8 | 90.3 | 91.5 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| 600 | 19.4 | 73.1 | 77.7 | 82.7 | 88.2 | 89.5 | 91.2 | 92.7 | 93.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| 500 | 19.4 | 73.1 | 77.7 | 82.9 | 88.2 | 89.7 | 91.5 | 93.8 | 94.7 | 94.9 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| 400 | 19.4 | 73.1 | 77.7 | 82.9 | 88.5 | 91.1 | 91.9 | 94.3 | 95.7 | 96.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 300 | 19.4 | 73.1 | 77.7 | 82.9 | 88.5 | 91.3 | 92.1 | 94.5 | 95.7 | 96.9 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 200 | 19.4 | 73.1 | 77.7 | 82.9 | 88.5 | 91.3 | 92.1 | 94.5 | 95.7 | 96.9 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 100 | 19.4 | 73.1 | 77.7 | 82.9 | 88.5 | 91.3 | 92.1 | 94.5 | 95.7 | 96.9 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 0 | 19.4 | 73.1 | 77.7 | 82.9 | 88.5 | 91.3 | 92.1 | 94.5 | 95.7 | 96.9 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |

TOTAL NUMBER OF OBSERVATIONS 77

CEILING VERSUS VISIBILITY

—

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 11.1 | 41.5 | 41.7 | 42.0 | 42.4 | 42.9 | 43.2 | 43.5 | 43.7 | 43.9 | 44.2 | 44.4 | 44.7 | 45.0 | 45.2 | 45.5 |
| 11.1 | 45.1 | 45.2 | 47.1 | 47.2 | 47.1 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| 11.1 | 46.5 | 47. | 47.4 | 47.4 | 47.5 | 47.9 | 47.9 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| 11.1 | 49.7 | 47.1 | 47.4 | 47.6 | 47.7 | 48.1 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.1 | 48.1 | 48.1 | 48.1 |
| 11.1 | 47.2 | 47.5 | 48.5 | 48. | 48.1 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.4 | 48.7 | 48.7 |
| 12.2 | 49.2 | 50.2 | 50.7 | 50.7 | 50.8 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.3 | 51.1 | 51.4 | 51.4 |
| 17.4 | 53.7 | 54.1 | 54.3 | 54.3 | 54.1 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.5 | 54.5 | 54.7 | 54.7 |
| 23.7 | 54.1 | 54.6 | 55.1 | 55.3 | 55.4 | 55.5 | 55.5 | 55.7 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| 23.7 | 55.9 | 56.6 | 57.3 | 57.5 | 57.6 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 58.1 | 58.1 | 58.2 | 58.2 |
| 23.7 | 58.4 | 58.4 | 58.2 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| 23.7 | 59.1 | 59.3 | 59.7 | 59.9 | 59.9 | 59.7 | 59.3 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| 24.2 | 61.7 | 61.3 | 62.3 | 62.3 | 62.3 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| 24.7 | 63. | 63.7 | 64.4 | 64.5 | 64.5 | 65. | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| 25.2 | 63.4 | 63.1 | 63.2 | 63.2 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| 25.2 | 65.7 | 65.5 | 67.7 | 67.9 | 68.5 | 68.3 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| 25.2 | 68.3 | 68.7 | 70.1 | 70.4 | 70.5 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| 25.7 | 71.7 | 71.7 | 72. | 72.4 | 72.5 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| 25.7 | 73.7 | 74.7 | 75.4 | 75.3 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| 25.7 | 76.1 | 76.1 | 76.2 | 76.4 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 25.7 | 77.9 | 77.5 | 77.7 | 77.6 | 77.7 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| 25.7 | 79.8 | 79.5 | 80.2 | 81.2 | 82.2 | 82.3 | 82.7 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| 25.7 | 74.4 | 77.7 | 81.2 | 81.9 | 84.3 | 85.2 | 85.4 | 86.1 | 86.1 | 86.7 | 86.5 | 86.4 | 86.4 | 86.5 | 86.7 |
| 25.7 | 77.1 | 78.7 | 82.1 | 82.2 | 83.9 | 84.7 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| 25.7 | 79.7 | 79.7 | 80.1 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| 25.7 | 82.5 | 79.4 | 84.2 | 84.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| 25.7 | 79.7 | 79.6 | 80.7 | 80.9 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| 25.7 | 81.5 | 79.6 | 85.1 | 85.2 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| 25.7 | 83.5 | 79.7 | 85.3 | 85.3 | 86.4 | 86.4 | 86.4 | | | | | | | | |

USAF ETAC 0-14-5 POL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

—

1000

[illegible]TOTAL NUMBER OF OBSERVATIONS 67

1. NAME OF CLIMATE STATION: ANCH
2. DATE: 1951
3. LOCATION: ANCHORAGE, ALASKA

CEILING VERSUS VISIBILITY

4.7 10-11-51 10-11-51

10-11-51

10-11-51

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

10-11-51

| | | VISIBILITY STATEMENTS | | | | | | | | | | | | | | | |
|----------|------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 10-11-51 | 11.3 | 7.9 | 34.2 | 4.8 | 41.1 | 41.2 | 41.4 | 41.3 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 |
| 10-11-51 | 11.1 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 10-11-51 | 10.2 | 43.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 10-11-51 | 10.2 | 43.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 10-11-51 | 10.3 | 43.8 | 44.7 | 44.4 | 44.9 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| 10-11-51 | 10.2 | 43.2 | 44.2 | 47.1 | 47.5 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 |
| 10-11-51 | 10.1 | 41.3 | 44.4 | 5.3 | 5.9 | 5.1 | 1.2 | 1.4 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 10-11-51 | 13.4 | 43.3 | 44.2 | 50.4 | 51.3 | 51.4 | 51.6 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 10-11-51 | 13.4 | 5.7 | 51.7 | 52.8 | 57.4 | 53.5 | 57.7 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| 10-11-51 | 13.1 | 51.7 | 51.2 | 54.1 | 54.7 | 54.8 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| 10-11-51 | 13.1 | 51.1 | 51.5 | 55.5 | 55.2 | 55.4 | 56.6 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 10-11-51 | 14.1 | 52.2 | 51.8 | 57.7 | 53.4 | 54.1 | 55.9 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| 10-11-51 | 14.1 | 53.8 | 57.4 | 59.3 | 54.7 | 54.8 | 59.3 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| 10-11-51 | 14.4 | 57.2 | 59.1 | 54.1 | 51.1 | 51.4 | 51.7 | 52.1 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 |
| 10-11-51 | 14.3 | 53.4 | 6.7 | 51.8 | 57.5 | 52.8 | 53.1 | 53.3 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| 10-11-51 | 15.1 | 60.5 | 60.4 | 63.2 | 65.3 | 62.4 | 65.7 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| 10-11-51 | 15.0 | 60.4 | 64.5 | 64.5 | 67.8 | 68.2 | 69.6 | 69.1 | 69.7 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| 10-11-51 | 15.1 | 64.8 | 67.2 | 69.7 | 71.3 | 72.8 | 72.5 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| 10-11-51 | 15.1 | 64.4 | 69.7 | 7.9 | 72.4 | 73.3 | 73.7 | 74.2 | 74.1 | 74.4 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| 10-11-51 | 15.1 | 60.2 | 7.7 | 70.6 | 75.9 | 75.7 | 77.4 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| 10-11-51 | 14.1 | 63.5 | 72.7 | 76.5 | 74.6 | 77.6 | 74.4 | 81.2 | 81.7 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| 10-11-51 | 15.1 | 69.5 | 74.2 | 78.2 | 81.2 | 81.2 | 87.7 | 84.1 | 84.2 | 84.4 | 84.6 | 84.7 | 84.8 | 84.9 | 85.1 | 85.1 | 85.1 |
| 10-11-51 | 15.1 | 69.3 | 74.5 | 74.1 | 82.7 | 83.1 | 84.3 | 85.3 | 85.7 | 86.0 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| 10-11-51 | 15.1 | 7.2 | 75.1 | 79.4 | 83.3 | 84.4 | 85.9 | 87.2 | 87.4 | 88.0 | 88.4 | 88.4 | 88.7 | 88.8 | 88.9 | 88.9 | 88.9 |
| 10-11-51 | 15.1 | 7.3 | 75.3 | 8.4 | 84.2 | 85.7 | 87.2 | 88.5 | 89.1 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| 10-11-51 | 15.1 | 72.4 | 75.5 | 80.4 | 84.9 | 86.5 | 89.4 | 89.1 | 91.5 | 91.1 | 91.7 | 91.7 | 92.1 | 92.2 | 92.3 | 92.3 | 92.3 |
| 10-11-51 | 15.1 | 73.4 | 75.6 | 80.7 | 85.7 | 87.5 | 89.6 | 91.5 | 92.1 | 92.5 | 93.5 | 93.5 | 93.9 | 94.1 | 94.2 | 94.2 | 94.2 |
| 10-11-51 | 15.1 | 73.4 | 75.7 | 81.1 | 86.1 | 88.1 | 90.5 | 92.6 | 92.7 | 94.4 | 95.2 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| 10-11-51 | 15.1 | 7.5 | 75.7 | 81.1 | 86.4 | 88.4 | 91.7 | 93.2 | 94.1 | 95.2 | 96.4 | 96.5 | 97.1 | 97.2 | 97.4 | 97.4 | 97.4 |
| 10-11-51 | 15.1 | 73.5 | 75.7 | 81.2 | 86.4 | 88.5 | 91.1 | 93.4 | 94.4 | 95.6 | 96.8 | 97.1 | 97.6 | 97.9 | 98.4 | 98.4 | 98.4 |
| 10-11-51 | 15.1 | 73.5 | 75.7 | 81.2 | 86.4 | 88.5 | 91.1 | 93.4 | 94.4 | 95.6 | 96.8 | 97.1 | 97.8 | 98.1 | 98.7 | 98.7 | 98.7 |
| 10-11-51 | 15.1 | 73.5 | 75.7 | 81.2 | 86.4 | 88.5 | 91.1 | 93.4 | 94.4 | 95.6 | 96.8 | 97.1 | 97.8 | 98.1 | 98.7 | 98.7 | 98.7 |

TOTAL NUMBER OF OBSERVATIONS 5674

FEDERAL CLIMATOLOGY BRANCH
 DTAF-12AC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

107 FT CAMPBELL KY

73-01

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

020-1400

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | >10 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 100 | 49.5 | 50.5 | 52.0 | 52.2 | 52.6 | 52.8 | 52.9 | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.6 | 53.7 | 53.8 |
| 110 | 51.6 | 53.0 | 54.2 | 54.5 | 54.8 | 54.9 | 55.0 | 55.1 | 55.2 | 55.3 | 55.4 | 55.5 | 55.6 | 55.7 | 55.8 | 55.9 |
| 120 | 51.7 | 53.1 | 54.3 | 54.6 | 54.9 | 55.0 | 55.1 | 55.2 | 55.3 | 55.4 | 55.5 | 55.6 | 55.7 | 55.8 | 55.9 | 56.0 |
| 130 | 51.7 | 53.1 | 54.3 | 54.6 | 54.9 | 55.0 | 55.1 | 55.2 | 55.3 | 55.4 | 55.5 | 55.6 | 55.7 | 55.8 | 55.9 | 56.0 |
| 140 | 52.5 | 53.9 | 55.1 | 55.4 | 55.7 | 55.8 | 55.9 | 56.0 | 56.1 | 56.2 | 56.3 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 |
| 150 | 53.3 | 55.2 | 56.4 | 56.7 | 56.9 | 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 | 58.1 |
| 160 | 53.6 | 55.5 | 56.7 | 56.9 | 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 | 58.1 | 58.2 |
| 170 | 53.6 | 55.5 | 56.7 | 56.9 | 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 | 58.1 | 58.2 |
| 180 | 53.6 | 55.5 | 56.7 | 56.9 | 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 | 58.1 | 58.2 |
| 190 | 57.9 | 57.8 | 61.5 | 61.5 | 61.5 | 61.7 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.0 | 62.1 | 62.2 | 62.3 | 62.4 |
| 200 | 57.5 | 57.5 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| 210 | 57.7 | 61.7 | 63.3 | 63.6 | 63.6 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| 220 | 61.9 | 63.0 | 64.0 | 64.1 | 64.2 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| 230 | 62.2 | 64.5 | 66.4 | 66.9 | 67.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 240 | 64.0 | 67.2 | 68.3 | 68.3 | 68.4 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| 250 | 65.6 | 66.9 | 70.6 | 71.1 | 71.3 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| 260 | 66.4 | 70.7 | 72.3 | 72.7 | 73.1 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 270 | 67.2 | 71.5 | 73.6 | 74.7 | 74.8 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| 280 | 67.2 | 71.5 | 73.6 | 74.7 | 74.8 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| 290 | 67.2 | 71.5 | 73.6 | 74.7 | 74.8 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| 300 | 67.2 | 71.5 | 73.6 | 74.7 | 74.8 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| 310 | 71.1 | 74.0 | 76.9 | 78.6 | 79.1 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| 320 | 71.4 | 74.6 | 78.6 | 80.3 | 80.4 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| 330 | 73.4 | 74.9 | 83.0 | 85.3 | 86.4 | 87.7 | 87.9 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| 340 | 73.5 | 81.7 | 84.9 | 87.1 | 87.2 | 89.2 | 89.5 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| 350 | 74.1 | 81.2 | 85.4 | 87.8 | 88.6 | 89.9 | 90.2 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| 360 | 74.1 | 81.2 | 85.4 | 87.8 | 88.6 | 89.9 | 90.2 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| 370 | 74.4 | 82.4 | 86.7 | 89.2 | 91.1 | 92.4 | 93.0 | 93.7 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| 380 | 74.5 | 82.9 | 87.7 | 91.3 | 92.3 | 93.7 | 94.9 | 95.0 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 390 | 74.5 | 82.9 | 87.7 | 91.3 | 92.3 | 93.7 | 94.9 | 95.0 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 400 | 74.5 | 82.9 | 87.7 | 91.3 | 92.3 | 93.7 | 94.9 | 95.0 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 410 | 74.5 | 82.9 | 87.7 | 91.3 | 92.3 | 93.7 | 94.9 | 95.0 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 420 | 74.5 | 82.9 | 87.7 | 91.3 | 92.3 | 93.7 | 94.9 | 95.0 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 430 | 74.5 | 82.9 | 87.7 | 91.3 | 92.3 | 93.7 | 94.9 | 95.0 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 440 | 74.5 | 82.9 | 87.7 | 91.3 | 92.3 | 93.7 | 94.9 | 95.0 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 450 | 74.5 | 82.9 | 87.7 | 91.3 | 92.3 | 93.7 | 94.9 | 95.0 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 460 | 74.5 | 82.9 | 87.7 | 91.3 | 92.3 | 93.7 | 94.9 | 95.0 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 470 | 74.5 | 82.9 | 87.7 | 91.3 | 92.3 | 93.7 | 94.9 | 95.0 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 480 | 74.5 | 82.9 | 87.7 | 91.3 | 92.3 | 93.7 | 94.9 | 95.0 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 490 | 74.5 | 82.9 | 87.7 | 91.3 | 92.3 | 93.7 | 94.9 | 95.0 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 500 | 74.5 | 82.9 | 87.7 | 91.3 | 92.3 | 93.7 | 94.9 | 95.0 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |

TOTAL NUMBER OF OBSERVATIONS 76

JOINT CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME FT CAMPBELL KY

73-51

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10-2-40

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| ≥10000 | 17.1 | 43.3 | 45.0 | 45.9 | 46.5 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 |
| 9000 | 12.2 | 49.1 | 51.0 | 52.1 | 52.9 | 53.0 | 53.7 | 53.0 | 57.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| 8000 | 12.2 | 49.5 | 51.2 | 52.4 | 53.3 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| 7000 | 12.2 | 49.5 | 51.2 | 52.4 | 53.3 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| 6000 | 12.2 | 49.7 | 51.4 | 52.6 | 53.5 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| 5000 | 12.2 | 50.5 | 52.2 | 53.4 | 54.7 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| 4000 | 13.6 | 53.1 | 55.0 | 56.2 | 57.5 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| 3000 | 13.6 | 53.3 | 55.1 | 56.3 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| 2000 | 13.6 | 55.0 | 56.9 | 58.1 | 59.4 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| 1000 | 13.6 | 55.5 | 57.3 | 58.7 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| ≥500 | 13.6 | 58.6 | 58.4 | 59.7 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| 400 | 13.6 | 58.1 | 57.7 | 61.3 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| 300 | 13.6 | 58.5 | 57.3 | 61.3 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| 200 | 13.6 | 58.6 | 58.4 | 59.7 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| 100 | 13.6 | 58.6 | 58.4 | 59.7 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥50 | 13.6 | 58.6 | 58.4 | 59.7 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| 40 | 13.6 | 58.6 | 58.4 | 59.7 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| 30 | 13.6 | 58.6 | 58.4 | 59.7 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| 20 | 13.6 | 58.6 | 58.4 | 59.7 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| 10 | 13.6 | 58.6 | 58.4 | 59.7 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥5 | 13.6 | 58.6 | 58.4 | 59.7 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| 4 | 13.6 | 58.6 | 58.4 | 59.7 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| 3 | 13.6 | 58.6 | 58.4 | 59.7 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| 2 | 13.6 | 58.6 | 58.4 | 59.7 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| 1 | 13.6 | 58.6 | 58.4 | 59.7 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥0 | 13.6 | 58.6 | 58.4 | 59.7 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |

TOTAL NUMBER OF OBSERVATIONS 767

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NAME
FT CAMPBELL KY

70-01

70-01

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

70-01-1100

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 10 | 20 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 |
| 11.0 | 4.5 | 47.4 | 44.4 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 |
| 12.0 | 51.7 | 51.7 | 52.4 | 52.6 | 52.3 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| 13.0 | 51.4 | 51.7 | 52.3 | 53.7 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| 14.0 | 51.4 | 51.7 | 52.4 | 53.7 | 54.1 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| 15.0 | 52.8 | 52.2 | 56.7 | 57.1 | 57.1 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| 16.0 | 55.2 | 56.8 | 58.3 | 58.5 | 58.7 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| 17.0 | 55.8 | 57.5 | 58.9 | 59.2 | 59.3 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| 18.0 | 57.5 | 61.7 | 62.1 | 62.2 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| 19.0 | 52.1 | 61.8 | 62.2 | 62.6 | 62.7 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| 20.0 | 55.2 | 61.5 | 63.5 | 63.9 | 64.2 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| 21.0 | 61.5 | 63.5 | 65.1 | 65.5 | 65.2 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| 22.0 | 61.3 | 64.7 | 65.7 | 66.1 | 66.5 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| 23.0 | 62.7 | 66.8 | 67.8 | 68.2 | 68.6 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| 24.0 | 64.3 | 67.8 | 69.6 | 71.1 | 71.5 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| 25.0 | 66.4 | 70.5 | 72.7 | 73.2 | 73.6 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 26.0 | 67.7 | 71.8 | 76.5 | 77.2 | 77.8 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| 27.0 | 71.4 | 77.1 | 81.2 | 81.5 | 82.2 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| 28.0 | 71.2 | 77.8 | 81.4 | 82.7 | 83.3 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| 29.0 | 72.8 | 80.2 | 84.6 | 85.7 | 87.7 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| 30.0 | 74.5 | 81.4 | 86.4 | 89.1 | 90.2 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 31.0 | 75.2 | 82.5 | 88.3 | 90.8 | 91.2 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| 32.0 | 75.3 | 82.8 | 89.7 | 91.3 | 92.4 | 93.3 | 93.4 | 93.7 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| 33.0 | 76.0 | 83.5 | 89.5 | 92.4 | 93.4 | 94.5 | 94.7 | 95.1 | 95.4 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 34.0 | 76.3 | 83.8 | 90.4 | 93.2 | 94.5 | 95.5 | 95.8 | 96.0 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 35.0 | 76.1 | 83.7 | 91.4 | 93.4 | 94.9 | 95.9 | 96.7 | 97.0 | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 36.0 | 76.1 | 83.7 | 91.4 | 93.4 | 95.4 | 96.7 | 97.5 | 98.2 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 37.0 | 76.1 | 83.7 | 91.4 | 93.4 | 95.4 | 96.9 | 97.6 | 98.7 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 38.0 | 76.1 | 83.7 | 91.4 | 93.4 | 95.4 | 96.9 | 97.6 | 98.7 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |

TOTAL NUMBER OF OBSERVATIONS 76

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: FT CAMPBELL KY
STATION NAME: STATION NAME

73-31

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1960-1962

| | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | | | |
|------|------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 |
| 1000 | 17.3 | 47.5 | 50.7 | 51.4 | 51.4 | 51.4 | 51.6 | 51.3 | 51.7 | 51.6 | 51.5 | 51.3 | 51.6 | 51.5 | 51.3 | 51.6 | 51.5 | 51.3 | 51.6 | 51.5 | 51.3 |
| 900 | 17.1 | 52.6 | 54.1 | 55.2 | 55.2 | 55.2 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| 800 | 17.1 | 52.6 | 54.1 | 55.2 | 55.2 | 55.2 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| 700 | 17.1 | 52.6 | 54.1 | 55.2 | 55.2 | 55.2 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| 600 | 17.1 | 53.3 | 54.9 | 56.2 | 56.2 | 56.2 | 56.3 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| 500 | 17.1 | 55.5 | 57.1 | 58.4 | 58.4 | 58.4 | 58.5 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| 400 | 17.1 | 57.5 | 59.2 | 61.9 | 61.7 | 61.2 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| 300 | 17.1 | 57.9 | 59.7 | 61.3 | 61.5 | 61.7 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| 200 | 14.7 | 59.7 | 61.8 | 63.4 | 63.7 | 64.2 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| 100 | 14.1 | 63.8 | 67.9 | 64.4 | 65.7 | 66.2 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| 000 | 14.7 | 61.9 | 64.7 | 65.7 | 66.4 | 66.7 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| 900 | 14.7 | 63.2 | 65.9 | 67.6 | 68.5 | 68.8 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| 800 | 14.7 | 64.3 | 67.6 | 69.3 | 71.7 | 71.5 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| 700 | 14.2 | 65.6 | 67.2 | 71.1 | 72.7 | 72.3 | 72.7 | 72.8 | 72.7 | 72.8 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| 600 | 14.1 | 67.1 | 71.9 | 72.8 | 73.9 | 74.1 | 74.7 | 74.3 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| 500 | 14.3 | 63.8 | 71.8 | 74.8 | 76.1 | 76.4 | 76.9 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 400 | 14.3 | 71.3 | 75.6 | 77.7 | 79.7 | 79.3 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| 300 | 15.1 | 73.1 | 77.5 | 81.1 | 82.5 | 83.3 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| 200 | 15.1 | 73.1 | 77.7 | 81.8 | 83.3 | 83.6 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| 100 | 15.1 | 74.8 | 81.4 | 85.6 | 86.1 | 86.5 | 87.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| 000 | 15.1 | 74.9 | 82.1 | 86.4 | 89.8 | 91.4 | 91.9 | 92.3 | 92.7 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| 900 | 15.1 | 75.7 | 82.9 | 87.5 | 91.1 | 91.7 | 93.3 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| 800 | 15.1 | 76.4 | 87.6 | 88.6 | 92.3 | 93.2 | 95.1 | 95.3 | 95.8 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 700 | 15.1 | 75.5 | 83.9 | 87.3 | 92.9 | 94.3 | 95.8 | 96.3 | 96.5 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| 600 | 15.1 | 75.8 | 84.1 | 89.4 | 93.7 | 94.3 | 96.7 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 500 | 15.1 | 75.6 | 84.1 | 89.4 | 93.3 | 94.9 | 96.9 | 97.4 | 97.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 400 | 15.1 | 75.6 | 84.1 | 89.5 | 94.1 | 95.1 | 97.2 | 98.1 | 98.4 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 300 | 15.1 | 75.6 | 84.1 | 89.5 | 94.1 | 95.1 | 97.2 | 98.1 | 98.4 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 200 | 15.1 | 75.6 | 84.1 | 89.5 | 94.1 | 95.1 | 97.2 | 98.2 | 98.7 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 100 | 15.1 | 75.6 | 84.1 | 89.5 | 94.1 | 95.1 | 97.2 | 98.2 | 98.7 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 74

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

22-41

| Concentration of inhibitor (mole/l) | Rate of polymerization (mole/l·hr) |
|-------------------------------------|------------------------------------|
| 0 | 0.0008 |
| 0.0001 | 0.0004 |
| 0.0002 | 0.0002 |
| 0.0005 | 0.0001 |
| 0.001 | 0.0001 |

[illegible]TOTAL NUMBER OF OBSERVATIONS 74

JOINT CLIMATE LOGISTICS BRANCH
 USAF ETAC
 AIRCRAFT SERVICE/AFAC

CEILING VERSUS VISIBILITY

107 27 CAMPBELL KY STATION NAME

73-51

5-1

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

100

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 10 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 1-5 | 9.7 | 44.6 | 41.1 | 47.1 | 47.7 | 47.8 | 48.0 | 48.3 | 48.5 | 48.6 | 48.7 | 48.8 | 48.9 | 49.0 | 49.1 | 49.2 |
| 6-10 | 10.7 | 43.6 | 50.3 | 51.6 | 52.2 | 52.4 | 52.6 | 52.8 | 52.9 | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.6 |
| 11-15 | 10.7 | 43.7 | 51.3 | 51.6 | 52.2 | 52.4 | 52.6 | 52.8 | 52.9 | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.6 |
| 16-20 | 11.3 | 49.6 | 50.7 | 52.2 | 52.7 | 52.8 | 53.1 | 53.1 | 53.1 | 53.1 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| 21-25 | 11.3 | 50.3 | 52.0 | 52.3 | 54.1 | 54.2 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| 26-30 | 11.3 | 52.3 | 54.0 | 55.0 | 55.4 | 55.5 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| 31-35 | 11.7 | 52.6 | 54.5 | 56.3 | 56.7 | 56.9 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| 36-40 | 11.7 | 54.0 | 55.0 | 56.4 | 59.3 | 59.5 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| 41-45 | 11.7 | 53.4 | 57.7 | 59.2 | 61.1 | 60.3 | 60.6 | 60.6 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| 46-50 | 12.0 | 56.9 | 59.0 | 60.8 | 61.7 | 62.0 | 62.2 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| 51-55 | 12.1 | 58.1 | 61.6 | 60.3 | 63.3 | 63.5 | 63.9 | 63.2 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| 56-60 | 12.1 | 59.7 | 61.4 | 63.5 | 64.5 | 64.8 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| 61-65 | 12.1 | 60.4 | 61.9 | 64.7 | 65.8 | 67.1 | 67.4 | 67.5 | 67.7 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| 66-70 | 12.4 | 61.1 | 61.2 | 67.5 | 67.4 | 68.8 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| 71-75 | 12.5 | 63.5 | 67.3 | 69.4 | 70.6 | 71.0 | 71.3 | 71.4 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| 76-80 | 12.7 | 65.6 | 69.2 | 70.1 | 72.5 | 74.0 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| 81-85 | 12.7 | 65.8 | 72.9 | 76.8 | 75.5 | 79.1 | 79.6 | 79.7 | 79.5 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| 86-90 | 12.7 | 70.0 | 70.1 | 79.0 | 81.7 | 82.7 | 83.4 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| 91-95 | 12.7 | 71.7 | 77.4 | 80.0 | 84.0 | 85.7 | 86.5 | 86.7 | 86.7 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| 96-100 | 12.7 | 72.3 | 72.7 | 83.7 | 87.1 | 88.1 | 89.2 | 89.3 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| 101-105 | 12.7 | 72.8 | 74.7 | 84.7 | 84.7 | 89.4 | 90.6 | 90.9 | 91.1 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| 106-110 | 12.7 | 73.2 | 80.2 | 85.4 | 88.7 | 90.4 | 91.7 | 92.1 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| 111-115 | 12.7 | 73.5 | 80.6 | 86.0 | 90.1 | 91.4 | 92.7 | 93.3 | 93.4 | 94.0 | 94.7 | 94.3 | 94.6 | 94.7 | 94.7 | 94.7 |
| 116-120 | 12.4 | 73.7 | 81.1 | 86.5 | 91.2 | 92.5 | 93.9 | 94.6 | 94.9 | 95.4 | 95.7 | 95.5 | 96.0 | 96.0 | 96.0 | 96.0 |
| 121-125 | 12.7 | 73.7 | 81.7 | 86.4 | 91.4 | 92.5 | 94.5 | 95.3 | 95.1 | 96.2 | 96.1 | 96.1 | 97.2 | 97.2 | 97.2 | 97.2 |
| 126-130 | 12.7 | 73.5 | 81.7 | 87.3 | 91.7 | 92.4 | 95.1 | 96.0 | 96.0 | 97.2 | 97.5 | 97.5 | 98.2 | 98.2 | 98.2 | 98.2 |
| 131-135 | 12.7 | 73.5 | 81.7 | 87.3 | 91.7 | 93.5 | 95.1 | 96.0 | 96.0 | 97.5 | 98.2 | 98.2 | 98.7 | 98.7 | 98.7 | 98.7 |
| 136-140 | 12.7 | 73.8 | 81.7 | 87.3 | 91.7 | 93.5 | 95.1 | 96.0 | 96.0 | 97.5 | 98.2 | 98.2 | 98.7 | 98.7 | 98.7 | 98.7 |
| 141-145 | 12.7 | 73.5 | 81.7 | 87.3 | 91.7 | 93.5 | 95.0 | 96.0 | 96.0 | 97.7 | 98.4 | 98.4 | 99.0 | 99.0 | 99.0 | 99.0 |
| 146-150 | 12.7 | 73.6 | 81.7 | 87.3 | 91.7 | 93.5 | 95.0 | 96.0 | 96.0 | 97.7 | 98.4 | 98.4 | 99.0 | 99.0 | 99.0 | 99.0 |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

20

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

TOTAL NUMBER OF OBSERVATIONS _____

USAF ETAC 0-14.5 OL A PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

USAF CLIMATOLOGY BRANCH
 AFMSTAC
 WASHINGTON, D.C. 20330-5000

CEILING VERSUS VISIBILITY

STATION NAME
 FT. RAINIER, ID. KY

73-01

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 |
| 1000 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| 900 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| 800 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| 700 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| 600 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| 500 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| 400 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| 300 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| 200 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| 100 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| 0 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE CLIMATOLOGY BRANCH
 1. STATION
 2. WEATHER SERVICE/ZNAC

CEILING VERSUS VISIBILITY

407. FT CAMP DELL KY STATION NAME

10-51

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 25 | 30 | 34 | 40 | 47 | 55 | 65 | 75 | 85 | 95 | 100 | 105 | 110 | 115 | 120 |
| 1000 | 17.2 | 43.7 | 44.5 | 44.7 | 47.7 | 48.4 | 47.6 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 |
| 900 | 17.1 | 49.2 | 51.5 | 51.3 | 51.7 | 51.9 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 |
| 800 | 13.1 | 49.4 | 51.1 | 51.4 | 51.8 | 52.3 | 52.1 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 |
| 700 | 13.1 | 49.4 | 51.1 | 51.5 | 51.9 | 52.1 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 |
| 600 | 13.7 | 49.4 | 51.5 | 52.1 | 52.3 | 52.5 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| 500 | 11.1 | 51.5 | 53.7 | 53.7 | 54.1 | 54.2 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| 400 | 14.4 | 54.3 | 56.7 | 56.8 | 57.0 | 57.2 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 300 | 14.1 | 55.0 | 56.2 | 57.2 | 57.9 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| 200 | 15.1 | 57.5 | 59.3 | 61.2 | 61.6 | 61.8 | 62.0 | 61.3 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| 100 | 15.1 | 57.5 | 59.3 | 61.2 | 61.6 | 61.8 | 62.0 | 61.3 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| 0 | 15.1 | 57.5 | 59.3 | 61.2 | 61.6 | 61.8 | 62.0 | 61.3 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| 1000 | 16.7 | 54.1 | 61.4 | 67.7 | 67.4 | 68.5 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| 900 | 16.1 | 55.1 | 63.2 | 71.4 | 71.7 | 71.5 | 71.7 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| 800 | 17.5 | 67.5 | 71.5 | 71.2 | 73.7 | 73.3 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| 700 | 17.1 | 73.1 | 73.2 | 75.1 | 76.7 | 76.3 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| 600 | 17.1 | 73.1 | 73.2 | 75.1 | 76.7 | 76.3 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| 500 | 15.1 | 74.9 | 74.9 | 81.4 | 82.7 | 83.2 | 83.5 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| 400 | 15.1 | 75.5 | 79.5 | 82.1 | 83.4 | 83.9 | 84.2 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| 300 | 13.1 | 77.3 | 81.6 | 84.7 | 86.4 | 86.9 | 87.4 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| 200 | 15.1 | 78.2 | 82.5 | 86.2 | 88.2 | 88.9 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| 100 | 13.1 | 73.9 | 81.5 | 87.9 | 89.9 | 90.3 | 91.4 | 91.3 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| 0 | 13.2 | 74.5 | 84.5 | 88.3 | 91.7 | 91.3 | 92.6 | 93.1 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| 1000 | 13.2 | 79.9 | 85.2 | 89.2 | 91.8 | 92.3 | 93.2 | 94.3 | 94.5 | 94.7 | 94.9 | 95.1 | 95.2 | 95.1 | 95.1 | 95.1 |
| 900 | 13.2 | 82.1 | 85.9 | 89.6 | 91.4 | 93.5 | 94.6 | 95.3 | 95.4 | 95.7 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| 800 | 13.1 | 83.2 | 85.5 | 91.1 | 93.2 | 94.2 | 95.4 | 96.1 | 96.3 | 96.5 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 700 | 13.2 | 83.3 | 86.6 | 91.4 | 93.6 | 94.9 | 96.3 | 97.3 | 97.4 | 97.5 | 97.8 | 98.0 | 98.2 | 98.4 | 98.6 | 98.9 |
| 600 | 14.1 | 83.4 | 86.6 | 91.4 | 93.6 | 94.9 | 96.3 | 97.3 | 97.7 | 98.1 | 98.4 | 98.6 | 98.7 | 98.9 | 99.1 | 99.4 |
| 500 | 13.1 | 83.4 | 86.6 | 91.4 | 93.6 | 94.9 | 96.3 | 97.3 | 97.7 | 98.1 | 98.4 | 98.6 | 98.7 | 98.9 | 99.1 | 99.4 |
| 400 | 13.1 | 83.4 | 86.6 | 91.4 | 93.6 | 94.9 | 96.3 | 97.3 | 97.7 | 98.1 | 98.4 | 98.6 | 98.7 | 98.9 | 99.1 | 99.4 |
| 300 | 13.1 | 83.4 | 86.6 | 91.4 | 93.6 | 94.9 | 96.3 | 97.3 | 97.7 | 98.1 | 98.4 | 98.6 | 98.7 | 98.9 | 99.1 | 99.4 |
| 200 | 13.1 | 83.4 | 86.6 | 91.4 | 93.6 | 94.9 | 96.3 | 97.3 | 97.7 | 98.1 | 98.4 | 98.6 | 98.7 | 98.9 | 99.1 | 99.4 |
| 100 | 13.1 | 83.4 | 86.6 | 91.4 | 93.6 | 94.9 | 96.3 | 97.3 | 97.7 | 98.1 | 98.4 | 98.6 | 98.7 | 98.9 | 99.1 | 99.4 |
| 0 | 13.1 | 83.4 | 86.6 | 91.4 | 93.6 | 94.9 | 96.3 | 97.3 | 97.7 | 98.1 | 98.4 | 98.6 | 98.7 | 98.9 | 99.1 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS 10126

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOUR-TO-HOUR OBSERVATIONS:

6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 84

[illegible]TOTAL NUMBER OF OBSERVATIONS 52

USAF CLIMATOLOGY BRANCH
 AFETAC
 WEATHER SERVICE/FAO

CEILING VERSUS VISIBILITY

STATION NAME

NO. 1

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 10 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 1000 | 1.9 | 4.7 | 48.4 | 51.0 | 57.5 | 62.0 | 7.6 | 12.0 | 52.7 | 53.1 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| 900 | 4.5 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 800 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 700 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 600 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 500 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 400 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 300 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 200 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 100 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 0 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 1000 | 1.9 | 4.7 | 48.4 | 51.0 | 57.5 | 62.0 | 7.6 | 12.0 | 52.7 | 53.1 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| 900 | 4.5 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 800 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 700 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 600 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 500 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 400 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 300 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 200 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 100 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 0 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 1000 | 1.9 | 4.7 | 48.4 | 51.0 | 57.5 | 62.0 | 7.6 | 12.0 | 52.7 | 53.1 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| 900 | 4.5 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 800 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 700 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 600 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 500 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 400 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 300 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 200 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 100 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 0 | 9.1 | 52.7 | 55.6 | 57.3 | 58.0 | 58.0 | 58.5 | 58.6 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |

TOTAL NUMBER OF OBSERVATIONS 1

CEILING VERSUS VISIBILITY

- 3 -

10-12-1964

1. S. B. 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 8

TOTAL NUMBER OF OBSERVATIONS

USAF F-4C 0-14.5 IOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE DATA - PART 4
 METEOROLOGICAL
 AIR FORCE SERVICE / NAS

CEILING VERSUS VISIBILITY

STATION: CAMPBELL AFB
 DATE: 10-1-68

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 0 | UNKN |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 16.4 | 55.7 | 54.4 | 51.9 | 47.0 | 40.7 | 31.1 | 25.6 | 21.6 | 18.4 | 15.7 | 13.0 |
| 900 | 1.3 | 61.3 | 67.1 | 68.1 | 67.2 | 63.7 | 53.2 | 47.0 | 43.0 | 37.7 | 33.7 | 30.7 |
| 800 | 16.7 | 50.8 | 60.0 | 61.2 | 57.7 | 43.3 | 37.7 | 33.3 | 33.7 | 33.7 | 33.7 | 30.7 |
| 700 | 15.7 | 55.4 | 67.0 | 73.2 | 67.7 | 53.3 | 37.3 | 33.3 | 33.7 | 37.7 | 33.3 | 32.1 |
| 600 | 18.1 | 53.5 | 64.7 | 73.5 | 64.4 | 51.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 |
| 500 | 16.1 | 48.9 | 64.7 | 73.8 | 66.7 | 50.7 | 36.9 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| 400 | 10.7 | 44.7 | 67.7 | 73.5 | 66.8 | 57.8 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 |
| 300 | 10.7 | 54.7 | 67.6 | 67.8 | 67.3 | 60.9 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 |
| 200 | 11.7 | 73.7 | 77.7 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 100 | 17.1 | 71.3 | 74.7 | 74.1 | 74.3 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| 0 | 17.7 | 71.7 | 74.7 | 74.5 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| UNKN | 17.7 | 71.5 | 71.5 | 70.6 | 70.7 | 70.8 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| 1000 | 17.7 | 54.4 | 67.1 | 67.7 | 67.3 | 60.8 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| 900 | 17.7 | 54.1 | 64.4 | 64.7 | 65.7 | 50.8 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 |
| 800 | 17.7 | 54.7 | 67.2 | 67.7 | 68.7 | 51.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 |
| 700 | 17.7 | 51.3 | 61.5 | 67.0 | 67.6 | 64.2 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 |
| 600 | 17.7 | 51.0 | 61.5 | 67.0 | 64.0 | 64.7 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 |
| 500 | 17.7 | 51.5 | 61.5 | 64.7 | 68.7 | 68.7 | 36.9 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 |
| 400 | 17.7 | 51.0 | 61.5 | 64.7 | 68.0 | 67.4 | 37.7 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 |
| 300 | 17.7 | 51.0 | 61.5 | 65.0 | 67.0 | 67.8 | 38.3 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 |
| 200 | 17.7 | 51.0 | 61.5 | 67.0 | 67.4 | 68.6 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| 100 | 17.7 | 51.0 | 61.5 | 67.0 | 67.4 | 68.6 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| 0 | 17.7 | 51.0 | 61.5 | 67.0 | 67.4 | 68.6 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| UNKN | 17.7 | 51.0 | 61.5 | 67.0 | 67.4 | 68.6 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| 1000 | 17.7 | 51.0 | 61.5 | 67.0 | 67.4 | 68.6 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| 900 | 17.7 | 51.0 | 61.5 | 67.0 | 67.4 | 68.6 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| 800 | 17.7 | 51.0 | 61.5 | 67.0 | 67.4 | 68.6 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| 700 | 17.7 | 51.0 | 61.5 | 67.0 | 67.4 | 68.6 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| 600 | 17.7 | 51.0 | 61.5 | 67.0 | 67.4 | 68.6 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| 500 | 17.7 | 51.0 | 61.5 | 67.0 | 67.4 | 68.6 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| 400 | 17.7 | 51.0 | 61.5 | 67.0 | 67.4 | 68.6 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| 300 | 17.7 | 51.0 | 61.5 | 67.0 | 67.4 | 68.6 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| 200 | 17.7 | 51.0 | 61.5 | 67.0 | 67.4 | 68.6 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| 100 | 17.7 | 51.0 | 61.5 | 67.0 | 67.4 | 68.6 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| 0 | 17.7 | 51.0 | 61.5 | 67.0 | 67.4 | 68.6 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| UNKN | 17.7 | 51.0 | 61.5 | 67.0 | 67.4 | 68.6 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |

TOTAL NUMBER OF OBSERVATIONS: 100

DATE: 11/11/78
TIME: 11:10 AM

100-1000

TOTAL NUMBER OF OBSERVATIONS ____[illegible]

AD-A128 113

FORT CAMPBELL CAMPBELL AAF KENTUCKY REVISED UNIFORM
SUMMARY OF SURFACE WE..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 82

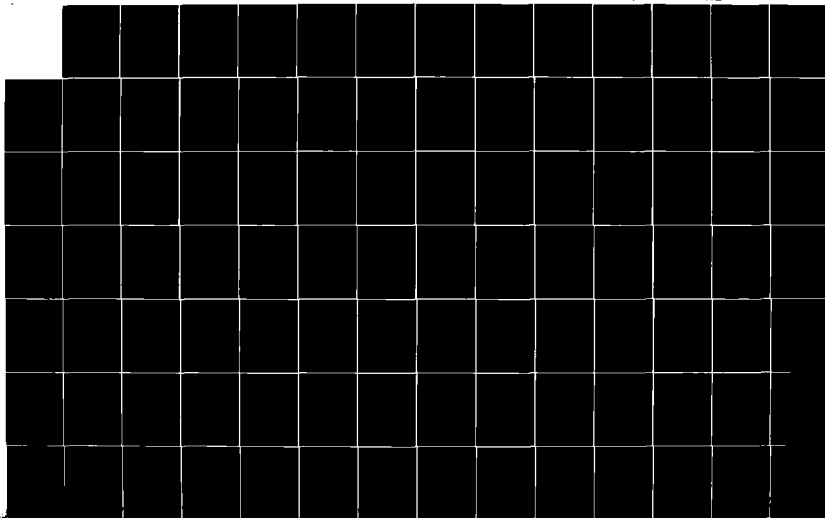
3/5

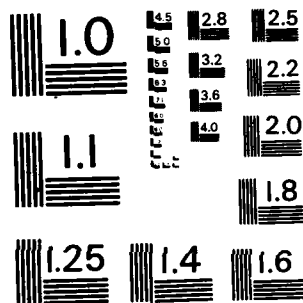
UNCLASSIFIED

USAFETAC/DS-82/063 SBI-AD-E850 384

F/G 4/2

NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4671 ST CAMPBELL KY

73-31

8-7

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 12.1 | 52.0 | 53.2 | 53.7 | 54.7 | 54.7 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| ≥20000 | 13.1 | 57.6 | 59.1 | 59.6 | 59.9 | 60.0 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| ≥18000 | 13.1 | 57.8 | 59.2 | 59.8 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| ≥16000 | 13.1 | 57.8 | 59.2 | 59.8 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| ≥14000 | 13.1 | 59.3 | 59.8 | 60.3 | 60.6 | 60.6 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.9 | 60.9 | 60.9 |
| ≥12000 | 13.7 | 60.1 | 61.6 | 62.1 | 62.4 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 |
| ≥10000 | 14.1 | 63.1 | 64.8 | 65.4 | 65.7 | 65.7 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 |
| ≥9000 | 14.1 | 63.6 | 65.4 | 65.9 | 66.3 | 66.3 | 66.4 | 66.4 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥8000 | 14.7 | 67.2 | 69.7 | 69.6 | 70.0 | 70.0 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 |
| ≥7000 | 14.3 | 68.4 | 70.4 | 71.1 | 71.5 | 71.5 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 |
| ≥6000 | 14.9 | 69.2 | 71.3 | 71.9 | 72.3 | 72.4 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 |
| ≥5000 | 15.4 | 72.3 | 74.9 | 75.6 | 76.2 | 76.3 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 |
| ≥4500 | 15.6 | 73.7 | 75.6 | 76.3 | 76.9 | 77.1 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥4000 | 15.3 | 75.8 | 79.7 | 79.6 | 80.3 | 80.5 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 |
| ≥3500 | 16.1 | 77.5 | 80.5 | 81.5 | 82.3 | 82.5 | 82.8 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 |
| ≥3000 | 16.4 | 80.2 | 83.5 | 84.7 | 85.6 | 85.9 | 86.2 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 |
| ≥2500 | 16.5 | 82.0 | 85.5 | 86.8 | 87.8 | 88.1 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 |
| ≥2000 | 16.6 | 84.7 | 87.8 | 89.3 | 90.5 | 90.8 | 91.2 | 91.3 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥1800 | 16.7 | 84.5 | 88.4 | 89.9 | 91.0 | 91.4 | 91.8 | 91.9 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥1500 | 16.7 | 85.4 | 89.6 | 91.5 | 92.9 | 93.3 | 93.7 | 93.8 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 |
| ≥1200 | 16.3 | 85.9 | 90.3 | 92.3 | 93.7 | 94.2 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥1000 | 16.3 | 86.5 | 91.1 | 93.1 | 94.7 | 95.2 | 95.7 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥900 | 16.8 | 86.8 | 91.4 | 93.5 | 95.2 | 95.7 | 96.3 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 |
| ≥800 | 16.3 | 87.1 | 91.8 | 94.0 | 95.9 | 96.6 | 97.2 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 |
| ≥700 | 16.8 | 87.3 | 92.1 | 94.3 | 96.3 | 97.0 | 97.6 | 97.9 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 |
| ≥600 | 16.9 | 87.4 | 92.2 | 94.5 | 96.7 | 97.3 | 98.0 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.7 |
| ≥500 | 16.3 | 87.5 | 92.4 | 94.8 | 97.0 | 97.7 | 98.4 | 98.7 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 |
| ≥400 | 16.3 | 87.5 | 92.4 | 94.8 | 97.1 | 97.9 | 98.6 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 |
| ≥300 | 16.3 | 87.5 | 92.4 | 94.9 | 97.2 | 97.9 | 98.7 | 99.1 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| ≥200 | 16.9 | 87.5 | 92.4 | 94.9 | 97.2 | 97.9 | 98.7 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 |
| ≥100 | 16.8 | 87.5 | 92.4 | 94.9 | 97.2 | 97.9 | 98.7 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.9 |
| ≥0 | 16.3 | 87.5 | 92.4 | 94.9 | 97.2 | 97.9 | 98.7 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6487

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

746710 FT CAMPBELL KY

73-81

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-5000

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥ 10 | ≥ 8 | ≥ 6 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 7.9 | 47.7 | 57.8 | 57.0 | 59.5 | 60.0 | 60.5 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.3 | 61.5 |
| ≥ 20000 | 8.5 | 57.9 | 57.5 | 62.7 | 63.4 | 64.2 | 64.6 | 65.2 | 65.2 | 65.2 | 65.4 | 65.4 | 65.4 | 65.4 | 65.5 | 65.8 |
| 18000 | 8.7 | 51.1 | 57.7 | 67.9 | 63.7 | 64.4 | 64.9 | 65.5 | 65.5 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.7 | 66.1 |
| 16000 | 8.7 | 51.1 | 57.7 | 67.9 | 63.7 | 64.4 | 64.9 | 65.5 | 65.5 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.7 | 66.1 |
| 14000 | 8.7 | 51.3 | 57.8 | 61.1 | 63.8 | 64.5 | 65.0 | 65.6 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.9 | 66.2 |
| 12000 | 9.1 | 52.4 | 59.3 | 62.5 | 65.2 | 65.9 | 66.4 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.3 | 67.6 |
| 10000 | 9.4 | 55.7 | 63.3 | 66.9 | 69.9 | 71.6 | 71.1 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 | 72.3 |
| 9000 | 9.7 | 56.7 | 63.7 | 67.3 | 71.3 | 71.3 | 71.4 | 72.0 | 72.0 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.6 |
| 8000 | 10.1 | 58.4 | 66.2 | 70.0 | 73.2 | 74.3 | 74.4 | 75.0 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.3 | 75.5 |
| 7000 | 10.3 | 60.2 | 68.1 | 71.9 | 75.1 | 75.2 | 76.3 | 76.9 | 76.9 | 76.9 | 77.1 | 77.1 | 77.1 | 77.1 | 77.2 | 77.5 |
| 6000 | 10.3 | 61.6 | 69.7 | 73.7 | 77.1 | 78.0 | 78.6 | 79.2 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.5 | 79.8 |
| 5000 | 10.9 | 63.9 | 72.4 | 76.7 | 81.0 | 81.0 | 81.6 | 82.2 | 82.2 | 82.2 | 82.4 | 82.4 | 82.4 | 82.6 | 82.7 | 83.1 |
| 4500 | 10.9 | 64.4 | 73.7 | 77.5 | 81.7 | 82.1 | 82.7 | 83.3 | 83.3 | 83.3 | 83.5 | 83.5 | 83.6 | 83.6 | 83.8 | 84.1 |
| 4000 | 11.0 | 65.8 | 75.1 | 80.2 | 83.6 | 84.6 | 85.4 | 86.0 | 86.0 | 86.0 | 86.3 | 86.3 | 86.4 | 86.4 | 86.5 | 86.9 |
| 3500 | 11.4 | 66.4 | 76.1 | 81.6 | 85.1 | 86.0 | 86.9 | 87.5 | 87.5 | 87.5 | 87.7 | 87.7 | 87.8 | 87.8 | 87.9 | 88.3 |
| 3000 | 11.4 | 67.5 | 77.2 | 82.8 | 86.3 | 87.2 | 88.1 | 88.6 | 88.6 | 88.6 | 89.0 | 89.0 | 89.1 | 89.1 | 89.2 | 89.6 |
| 2500 | 11.4 | 67.9 | 78.7 | 83.8 | 87.6 | 88.5 | 89.4 | 90.2 | 90.2 | 90.2 | 90.6 | 90.6 | 90.7 | 90.7 | 90.8 | 91.2 |
| 2000 | 11.4 | 68.2 | 78.5 | 84.2 | 88.2 | 89.1 | 90.0 | 90.9 | 90.9 | 90.9 | 91.3 | 91.3 | 91.4 | 91.4 | 91.5 | 91.9 |
| 1800 | 11.4 | 68.2 | 78.6 | 84.3 | 88.3 | 89.2 | 90.1 | 91.0 | 91.0 | 91.0 | 91.4 | 91.4 | 91.5 | 91.5 | 91.6 | 92.0 |
| 1600 | 11.4 | 68.6 | 79.0 | 84.7 | 88.8 | 89.7 | 90.7 | 91.6 | 91.6 | 91.6 | 92.1 | 92.1 | 92.2 | 92.2 | 92.4 | 92.7 |
| 1400 | 11.4 | 69.3 | 79.9 | 85.7 | 89.8 | 90.8 | 91.8 | 92.8 | 92.8 | 92.8 | 93.2 | 93.2 | 93.3 | 93.3 | 93.4 | 93.9 |
| 1200 | 11.4 | 69.4 | 80.0 | 85.8 | 90.1 | 91.0 | 92.1 | 93.3 | 93.3 | 93.3 | 93.7 | 93.7 | 93.8 | 93.8 | 93.9 | 94.3 |
| 1000 | 11.4 | 69.8 | 80.5 | 86.5 | 90.9 | 91.9 | 93.0 | 94.3 | 94.3 | 94.3 | 94.6 | 94.6 | 94.7 | 94.7 | 94.9 | 95.2 |
| 900 | 11.4 | 70.1 | 81.0 | 87.2 | 91.6 | 92.7 | 93.8 | 95.3 | 95.3 | 95.3 | 95.7 | 95.7 | 95.8 | 95.8 | 95.9 | 96.3 |
| 800 | 11.4 | 70.6 | 81.5 | 87.9 | 92.4 | 93.4 | 94.5 | 96.2 | 96.3 | 96.3 | 96.7 | 96.7 | 96.8 | 96.8 | 96.9 | 97.3 |
| 700 | 11.4 | 70.7 | 81.6 | 88.1 | 92.5 | 93.5 | 94.6 | 96.3 | 96.4 | 96.4 | 96.8 | 96.8 | 96.9 | 96.9 | 97.0 | 97.4 |
| 600 | 11.4 | 71.1 | 82.1 | 88.6 | 93.3 | 94.5 | 95.6 | 97.5 | 97.6 | 97.6 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 | 98.6 |
| 500 | 11.4 | 71.2 | 82.2 | 88.8 | 93.8 | 95.0 | 96.1 | 98.0 | 98.1 | 98.1 | 98.4 | 98.4 | 98.6 | 98.6 | 98.7 | 99.1 |
| 400 | 11.4 | 71.2 | 82.2 | 88.8 | 93.9 | 95.1 | 96.4 | 98.6 | 98.7 | 98.7 | 99.0 | 99.0 | 99.2 | 99.2 | 99.3 | 99.6 |
| 300 | 11.4 | 71.2 | 82.2 | 88.8 | 93.9 | 95.1 | 96.4 | 98.6 | 98.7 | 98.8 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.8 |
| 200 | 11.4 | 71.2 | 82.2 | 88.8 | 93.9 | 95.1 | 96.4 | 98.6 | 98.7 | 98.8 | 99.2 | 99.2 | 99.3 | 99.3 | 99.5 | 100.0 |
| 100 | 11.4 | 71.2 | 82.2 | 88.8 | 93.9 | 95.1 | 96.4 | 98.6 | 98.7 | 98.8 | 99.2 | 99.2 | 99.3 | 99.3 | 99.5 | 100.0 |
| 0 | 11.4 | 71.2 | 82.2 | 88.8 | 93.9 | 95.1 | 96.4 | 98.6 | 98.7 | 98.8 | 99.2 | 99.2 | 99.3 | 99.3 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 677

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7467.0
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-1500
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.15 | ≥.1 |
| NO FILING | 6.2 | 36.2 | 43.7 | 49.7 | 53.4 | 54.6 | 55.9 | 57.1 | 57.1 | 57.3 | 57.8 | 57.8 | 57.9 | 57.9 | 58.1 | 58.1 |
| ≥ 20000 | 6.6 | 39.8 | 47.3 | 53.5 | 57.8 | 59.3 | 60.7 | 62.1 | 62.2 | 62.5 | 63.0 | 63.0 | 63.1 | 63.1 | 63.2 | 63.3 |
| ≥ 18000 | 6.6 | 39.8 | 47.3 | 53.5 | 57.8 | 59.4 | 60.8 | 62.2 | 62.4 | 62.6 | 63.1 | 63.1 | 63.2 | 63.2 | 63.3 | 63.4 |
| ≥ 16000 | 6.6 | 39.8 | 47.3 | 53.5 | 57.8 | 59.4 | 60.8 | 62.2 | 62.4 | 62.6 | 63.1 | 63.1 | 63.2 | 63.2 | 63.3 | 63.4 |
| ≥ 14000 | 6.7 | 40.0 | 47.6 | 53.8 | 58.1 | 59.6 | 61.1 | 62.5 | 62.6 | 62.8 | 63.3 | 63.3 | 63.4 | 63.4 | 63.6 | 63.7 |
| ≥ 12000 | 6.8 | 40.9 | 48.6 | 55.1 | 59.4 | 60.9 | 62.4 | 64.0 | 64.2 | 64.4 | 65.0 | 65.0 | 65.1 | 65.1 | 65.2 | 65.4 |
| ≥ 10000 | 7.3 | 43.5 | 52.3 | 59.3 | 63.6 | 65.1 | 66.5 | 68.2 | 68.3 | 68.6 | 69.2 | 69.2 | 69.3 | 69.3 | 69.4 | 69.5 |
| ≥ 9000 | 7.2 | 43.7 | 52.6 | 59.5 | 63.8 | 65.4 | 66.8 | 68.5 | 68.6 | 68.8 | 69.4 | 69.4 | 69.5 | 69.5 | 69.7 | 69.9 |
| ≥ 8000 | 7.5 | 46.0 | 55.3 | 62.6 | 67.5 | 69.3 | 70.8 | 72.5 | 72.6 | 72.9 | 73.6 | 73.6 | 73.7 | 73.7 | 73.8 | 74.0 |
| ≥ 7000 | 7.9 | 47.7 | 57.2 | 64.6 | 69.7 | 71.6 | 73.1 | 74.8 | 74.9 | 75.1 | 75.9 | 75.9 | 76.0 | 76.0 | 76.1 | 76.2 |
| ≥ 6000 | 7.9 | 48.5 | 58.1 | 65.5 | 70.6 | 72.6 | 74.4 | 76.1 | 76.2 | 76.5 | 77.2 | 77.2 | 77.3 | 77.3 | 77.4 | 77.5 |
| ≥ 5000 | 7.9 | 50.5 | 60.2 | 67.6 | 73.0 | 75.0 | 76.8 | 78.6 | 78.7 | 79.0 | 79.7 | 79.7 | 79.8 | 79.8 | 79.9 | 80.0 |
| ≥ 4500 | 7.9 | 50.7 | 60.3 | 68.0 | 73.7 | 76.0 | 77.8 | 79.7 | 79.8 | 80.0 | 80.8 | 80.8 | 80.9 | 80.9 | 81.0 | 81.1 |
| ≥ 4000 | 8.1 | 51.7 | 62.0 | 70.0 | 75.9 | 78.1 | 80.3 | 82.2 | 82.3 | 82.6 | 83.3 | 83.3 | 83.5 | 83.5 | 83.6 | 83.8 |
| ≥ 3500 | 8.1 | 52.2 | 62.5 | 70.8 | 76.7 | 79.0 | 81.1 | 83.0 | 83.2 | 83.4 | 84.1 | 84.1 | 84.3 | 84.3 | 84.5 | 84.6 |
| ≥ 3000 | 8.6 | 53.4 | 63.9 | 72.3 | 78.1 | 80.4 | 82.6 | 84.5 | 84.6 | 84.8 | 85.5 | 85.5 | 85.8 | 85.8 | 85.9 | 86.0 |
| ≥ 2500 | 8.6 | 54.1 | 64.8 | 73.2 | 79.2 | 81.8 | 84.1 | 86.0 | 86.1 | 86.4 | 87.1 | 87.2 | 87.5 | 87.5 | 87.6 | 87.7 |
| ≥ 2000 | 8.7 | 54.7 | 65.5 | 74.1 | 80.0 | 82.7 | 84.9 | 87.0 | 87.1 | 87.3 | 88.1 | 88.2 | 88.4 | 88.4 | 88.5 | 88.6 |
| ≥ 1800 | 8.7 | 55.1 | 65.8 | 74.6 | 80.5 | 83.2 | 85.4 | 87.5 | 87.6 | 87.8 | 88.5 | 88.6 | 88.9 | 88.9 | 89.0 | 89.1 |
| ≥ 1600 | 8.7 | 55.3 | 66.7 | 75.5 | 81.5 | 84.1 | 86.4 | 88.5 | 88.6 | 88.9 | 89.6 | 89.7 | 90.0 | 90.0 | 90.1 | 90.2 |
| ≥ 1400 | 8.8 | 56.0 | 67.4 | 76.6 | 82.7 | 85.3 | 87.6 | 89.7 | 89.8 | 90.1 | 90.8 | 90.9 | 91.2 | 91.2 | 91.3 | 91.4 |
| ≥ 1200 | 8.8 | 56.5 | 68.0 | 77.4 | 83.5 | 86.3 | 88.5 | 90.8 | 90.9 | 91.3 | 92.0 | 92.1 | 92.4 | 92.4 | 92.5 | 92.6 |
| ≥ 1000 | 8.8 | 56.8 | 68.3 | 78.0 | 84.1 | 86.9 | 89.1 | 91.4 | 91.5 | 91.9 | 92.6 | 92.7 | 93.0 | 93.0 | 93.1 | 93.2 |
| ≥ 900 | 8.8 | 57.1 | 68.8 | 78.6 | 84.7 | 87.6 | 89.8 | 92.2 | 92.4 | 92.7 | 93.4 | 93.5 | 93.8 | 93.8 | 93.9 | 94.0 |
| ≥ 800 | 8.8 | 57.2 | 69.1 | 79.1 | 85.4 | 88.3 | 90.8 | 93.2 | 93.3 | 93.8 | 94.5 | 94.6 | 94.9 | 94.9 | 95.0 | 95.1 |
| ≥ 700 | 8.8 | 57.6 | 69.4 | 79.5 | 86.0 | 88.9 | 91.4 | 93.8 | 93.9 | 94.4 | 95.1 | 95.2 | 95.5 | 95.5 | 95.6 | 95.7 |
| ≥ 600 | 8.8 | 57.7 | 69.8 | 80.0 | 87.0 | 89.8 | 92.5 | 95.1 | 95.2 | 95.8 | 96.5 | 96.7 | 96.9 | 96.9 | 97.0 | 97.1 |
| ≥ 500 | 8.8 | 57.8 | 70.0 | 80.3 | 87.2 | 90.3 | 93.0 | 95.7 | 95.8 | 96.4 | 97.1 | 97.3 | 97.5 | 97.5 | 97.6 | 97.8 |
| ≥ 400 | 8.8 | 57.8 | 70.0 | 80.4 | 87.7 | 90.9 | 93.5 | 96.4 | 96.7 | 97.3 | 98.0 | 98.1 | 98.3 | 98.3 | 98.4 | 98.9 |
| ≥ 300 | 8.8 | 57.8 | 70.0 | 80.4 | 87.7 | 90.9 | 93.5 | 96.4 | 96.7 | 97.3 | 98.1 | 98.2 | 98.4 | 98.4 | 98.7 | 99.3 |
| ≥ 200 | 8.8 | 57.8 | 70.0 | 80.4 | 87.7 | 90.9 | 93.5 | 96.4 | 96.7 | 97.3 | 98.1 | 98.2 | 98.6 | 98.6 | 98.8 | 100.0 |
| ≥ 100 | 8.8 | 57.8 | 70.0 | 80.4 | 87.7 | 90.9 | 93.5 | 96.4 | 96.7 | 97.3 | 98.1 | 98.2 | 98.6 | 98.6 | 98.8 | 100.0 |
| ≥ 50 | 8.8 | 57.8 | 70.0 | 80.4 | 87.7 | 90.9 | 93.5 | 96.4 | 96.7 | 97.3 | 98.1 | 98.2 | 98.6 | 98.6 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74671
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5600-0000
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|-------|--------|---------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.125 | ≥.0625 | ≥.03125 |
| NO CEILING | 6.1 | 37.3 | 42.5 | 48.9 | 51.9 | 52.6 | 53.2 | 53.2 | 53.2 | 53.2 | 53.3 | 53.3 | 53.6 | 53.6 | 53.8 | 53.9 |
| ≥ 20000 | 6.4 | 40.3 | 46.2 | 52.3 | 56.4 | 57.2 | 58.2 | 58.3 | 58.4 | 58.4 | 58.5 | 58.5 | 58.9 | 58.9 | 59.0 | 59.1 |
| ≥ 18000 | 6.6 | 40.4 | 46.6 | 53.3 | 56.9 | 57.7 | 58.7 | 58.8 | 58.9 | 58.9 | 59.0 | 59.0 | 59.4 | 59.4 | 59.5 | 59.6 |
| ≥ 16000 | 6.6 | 40.4 | 46.6 | 53.3 | 56.9 | 57.7 | 58.7 | 58.8 | 58.9 | 58.9 | 59.0 | 59.0 | 59.4 | 59.4 | 59.5 | 59.6 |
| ≥ 14000 | 6.7 | 41.7 | 47.7 | 53.9 | 57.5 | 58.3 | 59.3 | 59.4 | 59.5 | 59.5 | 59.6 | 59.6 | 60.0 | 60.0 | 60.1 | 60.2 |
| ≥ 12000 | 7.1 | 41.9 | 48.7 | 55.8 | 59.6 | 60.4 | 61.5 | 61.8 | 61.9 | 62.0 | 62.1 | 62.1 | 62.5 | 62.5 | 62.6 | 62.7 |
| ≥ 10000 | 7.3 | 45.0 | 52.1 | 60.0 | 64.7 | 65.1 | 66.1 | 67.0 | 67.3 | 67.4 | 67.5 | 67.6 | 67.6 | 68.0 | 68.1 | 68.2 |
| ≥ 9000 | 7.5 | 45.8 | 52.9 | 60.9 | 65.0 | 66.1 | 67.0 | 67.3 | 67.4 | 67.5 | 67.6 | 67.6 | 68.0 | 68.1 | 68.2 | 68.3 |
| ≥ 8000 | 7.5 | 47.2 | 55.7 | 63.3 | 68.3 | 69.4 | 70.4 | 70.8 | 71.0 | 71.1 | 71.2 | 71.2 | 71.7 | 71.7 | 71.8 | 71.9 |
| ≥ 7000 | 7.8 | 48.1 | 55.9 | 64.6 | 69.9 | 71.1 | 72.0 | 72.5 | 72.6 | 72.8 | 72.9 | 72.9 | 73.4 | 73.4 | 73.5 | 73.6 |
| ≥ 6000 | 8.0 | 50.1 | 58.1 | 66.9 | 72.4 | 73.6 | 74.6 | 75.0 | 75.1 | 75.3 | 75.4 | 75.4 | 75.9 | 75.9 | 76.0 | 76.1 |
| ≥ 5000 | 8.1 | 51.7 | 60.0 | 69.1 | 74.8 | 76.0 | 76.9 | 77.4 | 77.5 | 77.8 | 78.0 | 78.0 | 78.6 | 78.6 | 78.7 | 78.9 |
| ≥ 4500 | 8.1 | 52.1 | 60.3 | 69.5 | 75.3 | 76.6 | 77.5 | 78.0 | 78.1 | 78.4 | 78.6 | 78.6 | 79.2 | 79.2 | 79.3 | 79.5 |
| ≥ 4000 | 8.1 | 53.5 | 62.7 | 71.3 | 77.1 | 78.4 | 79.3 | 79.9 | 80.0 | 80.3 | 80.5 | 80.5 | 81.1 | 81.1 | 81.2 | 81.4 |
| ≥ 3500 | 8.4 | 54.1 | 63.1 | 72.3 | 78.7 | 79.3 | 80.3 | 80.9 | 81.0 | 81.2 | 81.5 | 81.5 | 82.1 | 82.1 | 82.2 | 82.3 |
| ≥ 3000 | 8.4 | 54.4 | 63.8 | 73.5 | 79.3 | 80.6 | 81.6 | 82.2 | 82.3 | 82.6 | 82.8 | 82.8 | 83.4 | 83.4 | 83.5 | 83.6 |
| ≥ 2500 | 8.4 | 54.6 | 64.2 | 74.1 | 80.2 | 81.7 | 82.7 | 83.3 | 83.4 | 83.6 | 83.9 | 83.9 | 84.5 | 84.5 | 84.6 | 84.7 |
| ≥ 2000 | 8.4 | 54.8 | 64.5 | 74.7 | 80.9 | 82.4 | 83.5 | 84.1 | 84.2 | 84.5 | 84.7 | 84.7 | 85.3 | 85.3 | 85.4 | 85.5 |
| ≥ 1800 | 8.4 | 55.0 | 64.6 | 74.8 | 81.0 | 82.7 | 83.6 | 84.2 | 84.3 | 84.6 | 84.8 | 84.8 | 85.4 | 85.4 | 85.5 | 85.7 |
| ≥ 1500 | 8.4 | 55.8 | 65.9 | 76.1 | 82.7 | 84.3 | 85.3 | 86.1 | 86.3 | 86.5 | 86.7 | 86.7 | 87.3 | 87.3 | 87.5 | 87.6 |
| ≥ 1200 | 8.4 | 56.4 | 66.7 | 76.9 | 83.5 | 85.2 | 86.1 | 87.1 | 87.2 | 87.5 | 87.7 | 87.7 | 88.3 | 88.3 | 88.4 | 88.5 |
| ≥ 1000 | 8.4 | 57.3 | 67.9 | 78.1 | 84.8 | 86.5 | 87.5 | 88.4 | 88.5 | 88.8 | 89.0 | 89.0 | 89.6 | 89.6 | 89.7 | 89.8 |
| ≥ 900 | 8.4 | 58.1 | 68.7 | 79.2 | 86.0 | 87.7 | 88.6 | 89.6 | 89.7 | 90.0 | 90.2 | 90.2 | 90.8 | 90.8 | 90.9 | 91.0 |
| ≥ 800 | 8.4 | 58.7 | 69.7 | 80.6 | 87.7 | 89.5 | 90.4 | 91.4 | 91.5 | 91.8 | 92.0 | 92.0 | 92.6 | 92.6 | 92.7 | 92.8 |
| ≥ 700 | 8.4 | 58.9 | 70.1 | 81.5 | 88.8 | 90.7 | 91.9 | 92.8 | 93.0 | 93.2 | 93.4 | 93.4 | 94.0 | 94.0 | 94.1 | 94.3 |
| ≥ 600 | 8.4 | 59.0 | 70.5 | 82.0 | 89.4 | 91.5 | 93.0 | 93.9 | 94.0 | 94.3 | 94.5 | 94.5 | 95.1 | 95.2 | 95.3 | 95.5 |
| ≥ 500 | 8.4 | 59.1 | 70.8 | 82.6 | 90.6 | 92.8 | 94.4 | 95.3 | 95.5 | 95.8 | 96.2 | 96.2 | 97.0 | 97.0 | 97.1 | 97.4 |
| ≥ 400 | 8.4 | 59.3 | 71.7 | 82.7 | 90.8 | 93.4 | 95.0 | 96.1 | 96.2 | 96.7 | 97.0 | 97.1 | 98.0 | 98.1 | 98.2 | 98.3 |
| ≥ 300 | 8.4 | 59.3 | 71.1 | 82.7 | 90.8 | 93.5 | 95.2 | 96.5 | 96.7 | 97.1 | 97.7 | 98.1 | 98.9 | 99.0 | 99.2 | 99.4 |
| ≥ 200 | 8.4 | 59.3 | 71.1 | 82.8 | 90.9 | 93.7 | 95.3 | 96.7 | 96.8 | 97.3 | 98.0 | 98.3 | 99.2 | 99.3 | 99.4 | 99.6 |
| ≥ 100 | 8.4 | 59.3 | 71.1 | 82.8 | 91.0 | 93.8 | 95.5 | 96.8 | 96.9 | 97.4 | 98.1 | 98.4 | 99.3 | 99.4 | 99.5 | 100.0 |
| ≥ 0 | 8.4 | 59.3 | 71.1 | 82.8 | 91.0 | 93.8 | 95.5 | 96.8 | 96.9 | 97.4 | 98.1 | 98.4 | 99.3 | 99.4 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
A1- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74671
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1930-1100
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| NO CEILING | 13.0 | 45.2 | 49.7 | 51.9 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 |
| ≥ 20000 | 14.1 | 50.7 | 55.8 | 58.9 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 18000 | 14.1 | 51.0 | 56.2 | 59.3 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥ 16000 | 14.1 | 51.3 | 56.2 | 59.3 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥ 14000 | 14.1 | 51.9 | 57.7 | 60.1 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| ≥ 12000 | 14.5 | 53.0 | 58.5 | 61.8 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 10000 | 14.7 | 57.2 | 63.1 | 66.5 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| ≥ 9000 | 15.1 | 57.7 | 63.7 | 67.3 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 8000 | 15.3 | 61.1 | 67.7 | 71.9 | 72.6 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 7000 | 15.4 | 62.2 | 69.1 | 73.4 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 6000 | 15.5 | 63.3 | 70.6 | 74.9 | 75.6 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 5000 | 16.0 | 65.7 | 73.6 | 78.0 | 78.7 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 4500 | 16.1 | 66.2 | 74.3 | 79.0 | 79.7 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 4000 | 16.2 | 67.7 | 76.2 | 81.0 | 81.7 | 81.8 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 3500 | 16.2 | 68.5 | 76.9 | 81.7 | 82.4 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 3000 | 16.6 | 69.3 | 78.0 | 82.9 | 83.6 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 2500 | 16.6 | 69.8 | 78.5 | 83.4 | 84.3 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 2000 | 16.6 | 71.3 | 80.3 | 85.2 | 86.4 | 86.6 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 1800 | 16.7 | 71.7 | 80.6 | 85.5 | 86.7 | 87.1 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 1500 | 16.7 | 73.6 | 83.0 | 88.4 | 89.7 | 90.1 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 1200 | 16.7 | 74.2 | 84.0 | 89.7 | 91.6 | 92.1 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 1000 | 16.7 | 75.0 | 85.3 | 91.4 | 93.5 | 94.3 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 900 | 16.7 | 75.5 | 85.9 | 92.1 | 94.4 | 95.1 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 800 | 16.7 | 75.7 | 86.3 | 92.6 | 94.9 | 95.6 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 700 | 16.7 | 76.2 | 86.9 | 93.5 | 95.9 | 96.8 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 600 | 16.7 | 76.6 | 87.3 | 94.1 | 96.8 | 97.7 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | 16.7 | 76.6 | 87.5 | 94.4 | 97.1 | 98.1 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 400 | 16.7 | 76.6 | 87.5 | 94.5 | 97.3 | 98.3 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | 16.7 | 76.6 | 87.5 | 94.5 | 97.3 | 98.3 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 16.7 | 76.6 | 87.5 | 94.5 | 97.3 | 98.3 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 100 | 16.7 | 76.6 | 87.5 | 94.5 | 97.3 | 98.3 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 0 | 16.7 | 76.6 | 87.5 | 94.5 | 97.3 | 98.3 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS 637

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7467.0
STATION

FT CAMPBELL KY

STATION NAME

73-91

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12:00-1400
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥.4 |
| NID CEILING | 15.3 | 45.8 | 48.1 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| ≥ 20000 | 17.1 | 55.0 | 58.2 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 18000 | 17.1 | 55.4 | 58.7 | 59.7 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 16000 | 17.1 | 55.6 | 58.8 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 14000 | 17.1 | 56.2 | 59.5 | 60.6 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 12000 | 17.6 | 56.8 | 60.2 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 10000 | 18.1 | 59.6 | 63.4 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 9000 | 18.2 | 60.2 | 64.7 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 8000 | 18.6 | 63.7 | 67.7 | 69.4 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 7000 | 18.6 | 65.5 | 69.7 | 71.3 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 6000 | 18.6 | 66.4 | 70.6 | 72.3 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 5000 | 18.8 | 68.5 | 72.9 | 74.8 | 76.1 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 4500 | 18.8 | 69.3 | 74.2 | 76.1 | 77.4 | 77.5 | 77.5 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 4000 | 18.8 | 71.0 | 76.3 | 79.0 | 80.8 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 3500 | 18.8 | 72.0 | 78.0 | 80.6 | 82.4 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 3000 | 19.7 | 76.1 | 82.3 | 85.4 | 87.2 | 87.3 | 87.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 2500 | 19.8 | 78.4 | 84.9 | 88.4 | 90.4 | 90.6 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 2000 | 20.1 | 79.0 | 85.9 | 89.7 | 91.9 | 92.1 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 1800 | 20.1 | 79.2 | 86.3 | 90.1 | 92.2 | 92.5 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1500 | 20.1 | 80.6 | 87.9 | 92.0 | 94.1 | 94.5 | 94.6 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1200 | 20.1 | 81.6 | 88.9 | 93.1 | 95.2 | 95.7 | 95.8 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1000 | 20.1 | 82.1 | 89.4 | 93.9 | 96.4 | 96.9 | 97.1 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 900 | 20.1 | 82.2 | 89.6 | 94.1 | 96.7 | 97.1 | 97.5 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 800 | 20.1 | 82.4 | 89.8 | 94.4 | 96.9 | 97.4 | 97.8 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 20.1 | 82.7 | 90.1 | 94.9 | 97.6 | 98.1 | 98.6 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 600 | 20.1 | 82.7 | 90.2 | 95.0 | 97.7 | 98.2 | 98.7 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 20.1 | 82.7 | 90.2 | 95.0 | 97.8 | 98.3 | 99.0 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 20.1 | 82.7 | 90.2 | 95.0 | 97.8 | 98.3 | 99.0 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 20.1 | 82.7 | 90.2 | 95.0 | 97.8 | 98.3 | 99.0 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 20.1 | 82.7 | 90.2 | 95.0 | 97.8 | 98.3 | 99.0 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 20.1 | 82.7 | 90.2 | 95.0 | 97.8 | 98.3 | 99.0 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 20.1 | 82.7 | 90.2 | 95.0 | 97.8 | 98.3 | 99.0 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

146717
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 0-1700
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 14.1 | 47.3 | 51.5 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 20000 | 16.1 | 56.0 | 60.6 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 18000 | 16.4 | 56.4 | 60.9 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 16000 | 16.4 | 56.4 | 60.9 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 14000 | 16.7 | 57.3 | 62.0 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 12000 | 17.6 | 60.2 | 65.1 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 10000 | 17.9 | 62.8 | 68.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 9000 | 18.3 | 63.3 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 8000 | 18.8 | 67.6 | 73.2 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 7000 | 19.1 | 69.5 | 75.4 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 6000 | 19.1 | 70.8 | 76.7 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 5000 | 19.2 | 72.0 | 78.6 | 80.4 | 80.4 | 80.4 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 4500 | 19.7 | 73.0 | 79.6 | 81.4 | 81.6 | 81.7 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 4000 | 20.2 | 76.1 | 82.9 | 85.8 | 86.3 | 86.4 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 3500 | 20.5 | 77.3 | 84.2 | 87.2 | 87.7 | 87.8 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 3000 | 20.5 | 79.8 | 87.2 | 90.3 | 90.8 | 90.9 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 2500 | 20.5 | 81.0 | 88.6 | 92.0 | 92.6 | 92.7 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 2000 | 20.9 | 82.2 | 90.1 | 93.5 | 94.4 | 94.6 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1800 | 20.9 | 82.2 | 90.2 | 93.7 | 94.5 | 94.7 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 1500 | 20.9 | 82.7 | 90.9 | 94.6 | 95.6 | 95.8 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1200 | 20.9 | 82.9 | 91.3 | 95.0 | 96.1 | 96.3 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1000 | 20.9 | 83.3 | 91.8 | 95.6 | 96.8 | 97.0 | 97.5 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 900 | 20.9 | 83.5 | 92.0 | 95.9 | 97.4 | 97.8 | 98.3 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | 20.9 | 83.6 | 92.1 | 96.1 | 97.5 | 98.0 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 20.9 | 83.9 | 92.4 | 96.3 | 97.7 | 98.2 | 98.8 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 20.9 | 83.9 | 92.4 | 96.5 | 98.0 | 98.4 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 20.9 | 83.9 | 92.4 | 96.5 | 98.0 | 98.4 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 20.9 | 83.9 | 92.4 | 96.5 | 98.0 | 98.4 | 99.2 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 20.9 | 84.0 | 92.5 | 96.7 | 98.1 | 98.6 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 20.9 | 84.0 | 92.5 | 96.7 | 98.1 | 98.6 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 20.9 | 84.0 | 92.5 | 96.7 | 98.1 | 98.6 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 20.9 | 84.0 | 92.5 | 96.7 | 98.1 | 98.6 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74671
STATION

FT CAMPBELL KY

STATION NAME

73-31

YEARS

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

31-0-000

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .3 | ≥ .2 | ≥ .1 | ≥ .05 | ≥ .03 | ≥ .01 |
| NO CEILING | 11.4 | 49.6 | 53.6 | 55.4 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| ≥ 20000 | 12.3 | 54.7 | 59.4 | 61.4 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 18000 | 12.3 | 54.3 | 59.5 | 61.5 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 16000 | 12.3 | 54.8 | 59.5 | 61.5 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 14000 | 12.3 | 55.7 | 60.5 | 62.5 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 12000 | 12.3 | 58.3 | 63.1 | 65.1 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 10000 | 13.7 | 65.1 | 70.7 | 73.0 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 9500 | 14.2 | 65.8 | 71.4 | 73.7 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 8000 | 15.3 | 69.5 | 75.7 | 78.1 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 7000 | 15.2 | 70.8 | 77.5 | 80.2 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 6000 | 15.2 | 71.7 | 78.5 | 81.1 | 81.8 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 5000 | 15.7 | 74.4 | 81.6 | 84.5 | 85.4 | 85.7 | 85.8 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 4500 | 16.1 | 75.3 | 82.4 | 85.3 | 86.3 | 86.5 | 86.6 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 4000 | 16.1 | 76.3 | 83.8 | 86.7 | 88.1 | 88.3 | 88.4 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 3500 | 16.2 | 77.2 | 85.3 | 88.4 | 89.7 | 90.0 | 90.2 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 3000 | 16.2 | 78.0 | 86.3 | 89.6 | 91.0 | 91.3 | 91.5 | 91.6 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 2500 | 16.2 | 79.1 | 87.8 | 91.5 | 93.1 | 93.3 | 93.5 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 2000 | 16.2 | 80.2 | 89.4 | 93.2 | 95.1 | 95.5 | 95.7 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1800 | 16.2 | 80.3 | 89.7 | 93.5 | 95.5 | 95.8 | 96.1 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1500 | 16.2 | 80.6 | 90.2 | 94.3 | 96.2 | 96.7 | 96.9 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1200 | 16.2 | 80.9 | 90.7 | 94.7 | 96.7 | 97.1 | 97.4 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1000 | 16.2 | 81.0 | 90.8 | 94.9 | 96.9 | 97.4 | 97.6 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 900 | 16.2 | 81.1 | 90.9 | 95.1 | 97.1 | 97.6 | 97.8 | 98.1 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 800 | 16.2 | 81.2 | 91.0 | 95.3 | 97.5 | 98.0 | 98.2 | 98.4 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 16.2 | 81.2 | 91.1 | 95.3 | 97.5 | 98.0 | 98.2 | 98.4 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 16.2 | 81.5 | 91.3 | 95.7 | 97.8 | 98.3 | 98.9 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 16.2 | 81.5 | 91.3 | 95.7 | 98.0 | 98.4 | 99.0 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 16.2 | 81.5 | 91.3 | 95.7 | 98.1 | 98.6 | 99.2 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 16.2 | 81.5 | 91.3 | 95.7 | 98.1 | 98.6 | 99.2 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 16.2 | 81.5 | 91.3 | 95.7 | 98.1 | 98.6 | 99.2 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 16.2 | 81.5 | 91.3 | 95.7 | 98.1 | 98.6 | 99.2 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 16.2 | 81.5 | 91.3 | 95.7 | 98.1 | 98.6 | 99.2 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 7467, FT CAMPBELL KY

73-81

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-2300

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|------|------|------|-------|-------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .3 | ≥ .1 | ≥ .05 | ≥ .03 | ≥ .01 | ≥ 0 |
| NO FEEING | 9.4 | 53.3 | 58.6 | 61.4 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 20000 | 10.2 | 55.8 | 61.5 | 64.3 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 18000 | 10.2 | 55.8 | 61.5 | 64.3 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 16000 | 10.2 | 55.8 | 61.5 | 64.3 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 14000 | 10.2 | 55.8 | 61.5 | 64.3 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 12000 | 10.2 | 55.8 | 61.5 | 64.3 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 10000 | 11.1 | 61.9 | 67.2 | 71.0 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 9000 | 11.1 | 62.2 | 67.7 | 71.4 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 8000 | 12.3 | 65.6 | 72.2 | 75.3 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 7000 | 12.3 | 67.3 | 74.4 | 77.8 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 6000 | 13.0 | 69.5 | 75.9 | 79.2 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 5000 | 13.1 | 71.5 | 77.0 | 82.0 | 83.9 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 4500 | 13.3 | 71.2 | 78.7 | 82.7 | 84.6 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 4000 | 13.3 | 73.4 | 81.7 | 86.4 | 88.6 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 3500 | 13.3 | 74.3 | 82.9 | 87.7 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 3000 | 13.4 | 75.3 | 84.2 | 89.2 | 91.6 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 2500 | 13.4 | 76.1 | 85.1 | 90.9 | 93.3 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 2000 | 13.4 | 76.8 | 85.8 | 92.0 | 94.9 | 95.0 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1800 | 13.4 | 76.8 | 86.0 | 92.2 | 95.2 | 95.3 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1600 | 13.4 | 77.1 | 86.4 | 92.7 | 95.7 | 95.8 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1400 | 13.4 | 77.4 | 86.9 | 93.3 | 96.3 | 96.4 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1200 | 13.4 | 77.7 | 87.1 | 93.5 | 96.5 | 96.7 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1000 | 13.4 | 77.9 | 87.3 | 93.8 | 96.8 | 96.9 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 900 | 13.4 | 78.0 | 87.5 | 94.0 | 97.0 | 97.4 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 800 | 13.4 | 78.1 | 87.7 | 94.4 | 97.4 | 97.7 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 13.4 | 78.1 | 87.7 | 94.4 | 97.4 | 97.7 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 600 | 13.4 | 78.1 | 87.7 | 94.4 | 97.4 | 97.7 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 500 | 13.4 | 78.1 | 87.7 | 94.4 | 97.4 | 97.7 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 400 | 13.4 | 78.1 | 87.7 | 94.4 | 97.4 | 97.7 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 300 | 13.4 | 78.3 | 87.9 | 95.0 | 98.0 | 98.3 | 98.9 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 13.4 | 78.3 | 87.9 | 95.0 | 98.0 | 98.3 | 98.9 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 100 | 13.4 | 78.3 | 87.9 | 95.0 | 98.0 | 98.3 | 98.9 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 0 | 13.4 | 78.3 | 87.9 | 95.0 | 98.0 | 98.3 | 98.9 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1467 FT CAMPBELL KY

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|-------|------|-------|------|-------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.75 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.01 | ≥0 |
| 20000 | 10.3 | 45.3 | 50.2 | 53.2 | 54.5 | 54.8 | 55.1 | 55.3 | 55.3 | 55.4 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 | 55.7 |
| 18000 | 11.4 | 52.4 | 55.8 | 59.3 | 62.6 | 61.0 | 61.4 | 61.6 | 61.7 | 61.7 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 62.0 |
| 16000 | 11.5 | 52.6 | 56.7 | 59.3 | 61.9 | 61.3 | 61.6 | 61.9 | 61.9 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 | 62.2 | 62.3 |
| 14000 | 11.5 | 52.6 | 55.1 | 59.3 | 61.9 | 61.3 | 61.6 | 61.9 | 61.9 | 62.0 | 62.1 | 62.1 | 62.1 | 62.2 | 62.2 | 62.3 |
| 12000 | 11.5 | 51.1 | 55.6 | 59.9 | 61.5 | 61.9 | 62.2 | 62.5 | 62.5 | 62.6 | 62.7 | 62.7 | 62.7 | 62.8 | 62.8 | 62.9 |
| 10000 | 12.3 | 52.7 | 58.5 | 61.8 | 63.4 | 63.8 | 64.2 | 64.5 | 64.5 | 64.6 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.9 |
| 8000 | 12.3 | 56.4 | 62.7 | 66.3 | 68.1 | 68.5 | 68.8 | 69.2 | 69.2 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 | 69.5 | 69.6 |
| 6000 | 12.3 | 55.9 | 63.2 | 66.9 | 68.6 | 69.1 | 69.4 | 69.7 | 69.8 | 69.8 | 69.9 | 69.9 | 70.0 | 70.0 | 70.1 | 70.1 |
| 4000 | 13.2 | 59.9 | 66.6 | 71.7 | 72.7 | 73.2 | 73.6 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.3 | 74.3 | 74.4 |
| 2000 | 13.4 | 61.4 | 68.4 | 72.6 | 74.7 | 75.2 | 75.6 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.4 |
| 1000 | 13.5 | 62.6 | 69.8 | 74.0 | 76.2 | 76.8 | 77.3 | 77.6 | 77.6 | 77.7 | 77.8 | 77.8 | 77.9 | 77.9 | 78.0 | 78.1 |
| 500 | 13.7 | 64.7 | 72.2 | 76.6 | 79.1 | 79.7 | 80.2 | 80.6 | 80.6 | 80.7 | 80.9 | 80.9 | 81.0 | 81.0 | 81.1 | 81.1 |
| 250 | 13.8 | 65.3 | 72.9 | 77.4 | 79.9 | 81.6 | 81.1 | 81.5 | 81.6 | 81.6 | 81.8 | 81.8 | 81.9 | 81.9 | 82.0 | 82.1 |
| 100 | 14.1 | 67.3 | 75.0 | 80.4 | 82.8 | 83.4 | 84.0 | 84.4 | 84.5 | 84.5 | 84.7 | 84.7 | 84.8 | 84.8 | 84.9 | 85.0 |
| 50 | 14.1 | 67.8 | 76.1 | 81.3 | 84.0 | 84.7 | 85.3 | 85.7 | 85.7 | 85.8 | 86.0 | 86.0 | 86.1 | 86.1 | 86.2 | 86.3 |
| 25 | 14.4 | 69.2 | 77.9 | 83.3 | 86.0 | 86.7 | 87.3 | 87.7 | 87.7 | 87.8 | 88.0 | 88.0 | 88.1 | 88.1 | 88.2 | 88.3 |
| 10 | 14.4 | 70.9 | 80.7 | 85.8 | 89.1 | 89.8 | 90.4 | 91.0 | 91.1 | 91.1 | 91.3 | 91.3 | 91.4 | 91.4 | 91.5 | 91.6 |
| 5 | 14.5 | 71.1 | 80.2 | 86.1 | 89.2 | 90.1 | 90.7 | 91.3 | 91.3 | 91.4 | 91.6 | 91.6 | 91.7 | 91.7 | 91.8 | 91.9 |
| 2 | 14.5 | 71.8 | 81.3 | 87.3 | 90.8 | 91.4 | 92.1 | 92.7 | 92.8 | 92.8 | 93.0 | 93.0 | 93.2 | 93.2 | 93.3 | 93.4 |
| 1 | 14.5 | 72.3 | 82.0 | 88.1 | 91.5 | 92.4 | 93.1 | 93.7 | 93.8 | 93.9 | 94.1 | 94.1 | 94.2 | 94.2 | 94.3 | 94.4 |
| 0.5 | 14.5 | 72.8 | 82.5 | 88.8 | 92.3 | 93.2 | 94.0 | 94.7 | 94.8 | 94.8 | 95.0 | 95.0 | 95.2 | 95.2 | 95.3 | 95.4 |
| 0.25 | 14.5 | 73.1 | 82.9 | 89.4 | 92.9 | 93.9 | 94.7 | 95.4 | 95.4 | 95.5 | 95.7 | 95.7 | 95.9 | 95.9 | 96.0 | 96.1 |
| 0.1 | 14.5 | 73.4 | 83.3 | 89.9 | 93.5 | 94.5 | 95.3 | 96.1 | 96.1 | 96.3 | 96.5 | 96.5 | 96.6 | 96.6 | 96.7 | 96.8 |
| 0.05 | 14.5 | 73.6 | 83.6 | 90.4 | 94.1 | 95.1 | 96.0 | 96.9 | 96.9 | 97.1 | 97.3 | 97.3 | 97.4 | 97.4 | 97.5 | 97.6 |
| 0.01 | 14.5 | 73.8 | 83.8 | 90.7 | 94.4 | 95.5 | 96.5 | 97.4 | 97.5 | 97.6 | 97.8 | 97.8 | 98.0 | 98.0 | 98.1 | 98.2 |
| 0 | 14.5 | 73.8 | 84.0 | 91.0 | 95.0 | 96.1 | 97.1 | 98.1 | 98.2 | 98.3 | 98.6 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 |
| 0.001 | 14.5 | 73.9 | 84.1 | 91.1 | 95.1 | 96.3 | 97.4 | 98.4 | 98.5 | 98.7 | 98.9 | 98.9 | 99.1 | 99.1 | 99.2 | 99.3 |
| 0.0001 | 14.5 | 73.9 | 84.1 | 91.1 | 95.2 | 96.5 | 97.6 | 98.6 | 98.8 | 99.0 | 99.2 | 99.3 | 99.5 | 99.5 | 99.6 | 99.7 |
| 0.00001 | 14.5 | 73.9 | 84.1 | 91.1 | 95.2 | 96.5 | 97.6 | 98.7 | 98.8 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 |
| 0.000001 | 14.5 | 73.9 | 84.1 | 91.1 | 95.2 | 96.5 | 97.6 | 98.7 | 98.8 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 6604

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14c71 FT CAMPBELL KY

73-81

July

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

200-2670

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| ≥10000 | 9.3 | 56.5 | 63.1 | 65.0 | 70.2 | 71.1 | 72.3 | 73.2 | 73.7 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.4 |
| 9000 | 9.5 | 59.5 | 66.4 | 69.5 | 73.8 | 74.7 | 75.9 | 76.8 | 76.9 | 77.0 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 |
| 8000 | 9.5 | 59.5 | 66.4 | 69.5 | 73.8 | 74.7 | 75.9 | 76.8 | 76.9 | 77.0 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 |
| 7000 | 9.5 | 59.5 | 66.4 | 69.5 | 73.8 | 74.7 | 75.9 | 76.8 | 76.9 | 77.0 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 |
| 6000 | 9.5 | 59.9 | 66.9 | 69.9 | 74.2 | 75.1 | 76.3 | 77.2 | 77.3 | 77.4 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.6 |
| 5000 | 9.5 | 61.7 | 68.9 | 72.1 | 76.5 | 77.4 | 78.6 | 79.5 | 79.6 | 79.8 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.1 |
| 4000 | 11.1 | 65.6 | 72.8 | 76.2 | 81.9 | 81.7 | 83.0 | 83.8 | 84.0 | 84.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.4 |
| 3000 | 10.1 | 66.3 | 73.7 | 77.0 | 81.7 | 82.6 | 83.8 | 84.7 | 84.8 | 84.9 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| 2000 | 10.4 | 65.4 | 75.0 | 79.4 | 84.4 | 85.3 | 86.5 | 87.4 | 87.5 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.0 |
| 1000 | 10.6 | 69.6 | 77.7 | 80.6 | 85.7 | 86.5 | 87.8 | 88.6 | 88.8 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 |
| 500 | 10.6 | 69.9 | 77.5 | 80.9 | 85.9 | 86.8 | 88.0 | 88.9 | 89.0 | 89.1 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| 200 | 11.7 | 71.1 | 77.9 | 82.5 | 87.7 | 88.5 | 89.8 | 90.6 | 90.7 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.2 |
| 100 | 10.7 | 71.6 | 79.4 | 83.0 | 88.4 | 89.3 | 90.5 | 91.4 | 91.5 | 91.6 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 |
| 50 | 11.1 | 73.0 | 80.9 | 84.4 | 90.0 | 90.9 | 92.2 | 93.1 | 93.2 | 93.3 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 |
| 25 | 11.1 | 73.3 | 81.5 | 85.2 | 91.1 | 92.1 | 93.5 | 94.3 | 94.4 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 |
| 15 | 11.1 | 74.0 | 82.2 | 86.2 | 92.2 | 93.2 | 94.6 | 95.4 | 95.6 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 |
| 10 | 11.1 | 74.1 | 82.3 | 86.3 | 92.3 | 93.5 | 94.8 | 95.7 | 95.8 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 |
| 5 | 11.1 | 74.3 | 82.6 | 86.5 | 92.6 | 93.8 | 95.2 | 96.0 | 96.2 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.7 |
| 2 | 11.1 | 74.4 | 82.7 | 86.7 | 92.7 | 94.0 | 95.3 | 96.2 | 96.3 | 96.4 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 |
| 1 | 11.1 | 74.8 | 83.1 | 87.2 | 93.2 | 94.4 | 95.7 | 96.6 | 96.7 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 |
| 0 | 11.2 | 75.1 | 83.5 | 87.5 | 93.6 | 94.8 | 96.4 | 97.3 | 97.4 | 97.5 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 |
| 0.5 | 11.5 | 75.3 | 83.7 | 87.8 | 93.8 | 95.1 | 96.7 | 97.8 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| 0.25 | 11.5 | 75.3 | 83.7 | 87.8 | 93.8 | 95.1 | 96.7 | 97.8 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| 0.1 | 11.5 | 75.3 | 83.7 | 87.8 | 93.8 | 95.1 | 96.7 | 97.8 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| 0.05 | 11.5 | 75.3 | 83.7 | 87.8 | 93.8 | 95.1 | 96.7 | 97.8 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| 0.025 | 11.5 | 75.3 | 83.7 | 87.8 | 93.8 | 95.1 | 96.7 | 97.8 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| 0.01 | 11.5 | 75.3 | 83.7 | 87.8 | 93.8 | 95.1 | 96.7 | 97.8 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| 0.005 | 11.5 | 75.3 | 83.7 | 87.8 | 93.8 | 95.1 | 96.7 | 97.8 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| 0.0025 | 11.5 | 75.3 | 83.7 | 87.8 | 93.8 | 95.1 | 96.7 | 97.8 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| 0.001 | 11.5 | 75.3 | 83.7 | 87.8 | 93.8 | 95.1 | 96.7 | 97.8 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| 0.0005 | 11.5 | 75.3 | 83.7 | 87.8 | 93.8 | 95.1 | 96.7 | 97.8 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| 0.00025 | 11.5 | 75.3 | 83.7 | 87.8 | 93.8 | 95.1 | 96.7 | 97.8 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| 0.0001 | 11.5 | 75.3 | 83.7 | 87.8 | 93.8 | 95.1 | 96.7 | 97.8 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| 0.00005 | 11.5 | 75.3 | 83.7 | 87.8 | 93.8 | 95.1 | 96.7 | 97.8 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| 0.000025 | 11.5 | 75.3 | 83.7 | 87.8 | 93.8 | 95.1 | 96.7 | 97.8 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| 0.00001 | 11.5 | 75.3 | 83.7 | 87.8 | 93.8 | 95.1 | 96.7 | 97.8 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |

TOTAL NUMBER OF OBSERVATIONS 21

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C.
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
 CAMPBELL KY

73-31

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1-1-1950

| | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----|-----|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 |
| 100 | 5.1 | 42.2 | 4.3 | 54.4 | 52.9 | 61.2 | 60.3 | 64.7 | 5.2 | 56.2 | 56.4 | 64.4 | 65.7 | 66.1 | 67.7 | 67.7 | 67.7 |
| 90 | 5.3 | 44.3 | 52.8 | 55.9 | 64.4 | 68.1 | 67.8 | 59.6 | 71.1 | 71.2 | 71.6 | 71.6 | 72.5 | 72.1 | 71.3 | 72.2 | 72.2 |
| 80 | 6.3 | 45.3 | 52.8 | 58.9 | 64.6 | 66.2 | 67.9 | 69.3 | 7.1 | 71.4 | 71.7 | 71.7 | 72.1 | 71.2 | 71.9 | 72.1 | 72.1 |
| 70 | 6.3 | 45.3 | 52.8 | 58.9 | 64.6 | 66.2 | 67.9 | 69.3 | 72.2 | 71.4 | 71.7 | 71.7 | 72.1 | 72.2 | 72.5 | 72.1 | 72.1 |
| 60 | 6.3 | 45.3 | 52.8 | 58.9 | 64.6 | 66.2 | 67.9 | 69.3 | 72.2 | 71.4 | 71.7 | 71.7 | 72.1 | 72.2 | 72.5 | 72.1 | 72.1 |
| 50 | 6.3 | 45.3 | 52.8 | 58.9 | 64.6 | 66.2 | 67.9 | 69.3 | 72.2 | 71.4 | 71.7 | 71.7 | 72.1 | 72.2 | 72.5 | 72.1 | 72.1 |
| 40 | 6.3 | 45.3 | 52.8 | 58.9 | 64.6 | 66.2 | 67.9 | 69.3 | 72.2 | 71.4 | 71.7 | 71.7 | 72.1 | 72.2 | 72.5 | 72.1 | 72.1 |
| 30 | 6.3 | 45.3 | 52.8 | 58.9 | 64.6 | 66.2 | 67.9 | 69.3 | 72.2 | 71.4 | 71.7 | 71.7 | 72.1 | 72.2 | 72.5 | 72.1 | 72.1 |
| 20 | 6.3 | 45.3 | 52.8 | 58.9 | 64.6 | 66.2 | 67.9 | 69.3 | 72.2 | 71.4 | 71.7 | 71.7 | 72.1 | 72.2 | 72.5 | 72.1 | 72.1 |
| 10 | 6.3 | 45.3 | 52.8 | 58.9 | 64.6 | 66.2 | 67.9 | 69.3 | 72.2 | 71.4 | 71.7 | 71.7 | 72.1 | 72.2 | 72.5 | 72.1 | 72.1 |
| 0 | 6.3 | 45.3 | 52.8 | 58.9 | 64.6 | 66.2 | 67.9 | 69.3 | 72.2 | 71.4 | 71.7 | 71.7 | 72.1 | 72.2 | 72.5 | 72.1 | 72.1 |
| 90 | 7.1 | 53.1 | 61.5 | 65.5 | 72.1 | 75.7 | 78.8 | 81.1 | 82.3 | 87.2 | 87.2 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| 80 | 7.4 | 54.1 | 62.5 | 69.6 | 76.2 | 77.8 | 79.9 | 81.7 | 82.1 | 83.5 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 70 | 7.4 | 54.1 | 62.5 | 69.6 | 76.2 | 77.8 | 79.9 | 81.7 | 82.1 | 83.5 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 60 | 7.4 | 54.1 | 62.5 | 69.6 | 76.2 | 77.8 | 79.9 | 81.7 | 82.1 | 83.5 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 50 | 7.4 | 54.1 | 62.5 | 69.6 | 76.2 | 77.8 | 79.9 | 81.7 | 82.1 | 83.5 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 40 | 7.4 | 54.1 | 62.5 | 69.6 | 76.2 | 77.8 | 79.9 | 81.7 | 82.1 | 83.5 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 30 | 7.4 | 54.1 | 62.5 | 69.6 | 76.2 | 77.8 | 79.9 | 81.7 | 82.1 | 83.5 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 20 | 7.4 | 54.1 | 62.5 | 69.6 | 76.2 | 77.8 | 79.9 | 81.7 | 82.1 | 83.5 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 10 | 7.4 | 54.1 | 62.5 | 69.6 | 76.2 | 77.8 | 79.9 | 81.7 | 82.1 | 83.5 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 0 | 7.4 | 54.1 | 62.5 | 69.6 | 76.2 | 77.8 | 79.9 | 81.7 | 82.1 | 83.5 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 90 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 80 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 70 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 60 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 50 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 40 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 30 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 20 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 10 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 0 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 90 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 80 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 70 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 60 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 50 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 40 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 30 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 20 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 10 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 0 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 90 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 80 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 70 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 60 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 50 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 40 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 30 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 20 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 10 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 0 | 8.1 | 55.4 | 64.8 | 72.1 | 75.5 | 81.1 | 82.2 | 84.1 | 84.1 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |

TOTAL NUMBER OF OBSERVATIONS

FEDERAL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

67 ET CAMPBELL KY

70-51

July

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-1000

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 1000 | 5.3 | 42.7 | 52.2 | 57.7 | 59.9 | 61.2 | 52.5 | 63.3 | 63.5 | 63.6 | 63.7 | 63.7 | 63.8 | 73.0 | 74.7 | 74.7 |
| 900 | 7.3 | 47.3 | 57.5 | 63.6 | 66.3 | 68.3 | 59.3 | 70.2 | 70.4 | 70.6 | 70.7 | 70.7 | 70.9 | 71.0 | 71.0 | 71.1 |
| 800 | 7.3 | 47.5 | 57.8 | 63.8 | 66.5 | 68.3 | 59.5 | 70.5 | 70.6 | 70.7 | 70.7 | 70.9 | 71.0 | 71.0 | 71.1 | 71.1 |
| 700 | 7.3 | 47.5 | 57.8 | 63.8 | 66.5 | 68.3 | 59.5 | 70.5 | 70.6 | 70.7 | 70.7 | 70.9 | 71.0 | 71.0 | 71.1 | 71.1 |
| 600 | 7.3 | 47.7 | 58.0 | 64.2 | 66.9 | 68.6 | 70.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| 500 | 7.7 | 49.5 | 60.6 | 66.9 | 69.6 | 71.5 | 72.8 | 73.8 | 74.0 | 74.3 | 74.7 | 74.7 | 74.7 | 74.9 | 74.9 | 75.0 |
| 400 | 8.1 | 53.2 | 65.2 | 72.1 | 74.8 | 76.8 | 78.1 | 79.3 | 79.6 | 80.0 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| 300 | 8.1 | 53.2 | 65.2 | 72.3 | 75.1 | 77.0 | 78.4 | 79.5 | 79.9 | 80.2 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| 200 | 8.1 | 54.7 | 67.7 | 74.8 | 77.7 | 79.6 | 81.0 | 82.1 | 82.5 | 82.8 | 83.2 | 83.2 | 83.5 | 83.5 | 83.6 | 83.7 |
| 100 | 8.1 | 55.4 | 68.6 | 75.8 | 78.6 | 80.0 | 80.7 | 83.1 | 83.5 | 83.8 | 84.2 | 84.2 | 84.4 | 84.4 | 84.6 | 84.7 |
| 0 | 8.1 | 55.6 | 69.8 | 76.2 | 79.0 | 81.0 | 80.3 | 83.5 | 83.8 | 84.2 | 84.6 | 84.6 | 84.8 | 84.8 | 84.9 | 85.1 |
| 1000 | 8.1 | 55.5 | 69.9 | 77.5 | 80.4 | 82.3 | 83.8 | 84.9 | 85.7 | 85.7 | 86.0 | 86.0 | 86.3 | 86.3 | 86.4 | 86.5 |
| 900 | 8.1 | 55.5 | 69.9 | 77.5 | 80.4 | 82.3 | 83.8 | 84.9 | 85.7 | 85.7 | 86.0 | 86.0 | 86.3 | 86.3 | 86.4 | 86.5 |
| 800 | 8.1 | 57.5 | 71.4 | 79.0 | 81.9 | 83.8 | 85.3 | 86.4 | 86.8 | 87.2 | 87.5 | 87.5 | 87.8 | 87.8 | 87.9 | 88.0 |
| 700 | 8.1 | 57.9 | 72.1 | 79.9 | 82.7 | 84.7 | 86.2 | 87.3 | 87.7 | 88.0 | 88.4 | 88.4 | 88.6 | 88.6 | 88.8 | 88.9 |
| 600 | 8.1 | 58.8 | 73.2 | 81.2 | 84.2 | 86.2 | 87.7 | 88.8 | 89.1 | 89.5 | 89.9 | 89.9 | 90.1 | 90.1 | 90.2 | 90.4 |
| 500 | 8.1 | 59.1 | 73.7 | 81.7 | 84.8 | 86.8 | 88.3 | 89.4 | 89.8 | 90.1 | 90.5 | 90.5 | 90.7 | 90.7 | 90.9 | 91.0 |
| 400 | 8.4 | 59.8 | 74.9 | 82.8 | 86.7 | 88.1 | 89.6 | 90.7 | 91.0 | 91.6 | 92.0 | 92.0 | 92.2 | 92.2 | 92.3 | 92.5 |
| 300 | 8.4 | 59.8 | 74.9 | 82.8 | 86.7 | 88.1 | 89.6 | 90.7 | 91.0 | 91.6 | 92.0 | 92.0 | 92.2 | 92.2 | 92.3 | 92.5 |
| 200 | 8.4 | 60.5 | 75.9 | 84.2 | 87.5 | 89.6 | 91.2 | 92.3 | 92.8 | 93.2 | 93.6 | 93.6 | 93.8 | 93.8 | 94.0 | 94.1 |
| 100 | 8.4 | 61.9 | 76.4 | 84.8 | 88.1 | 90.2 | 91.9 | 93.1 | 93.6 | 94.0 | 94.3 | 94.3 | 94.6 | 94.6 | 94.7 | 94.8 |
| 0 | 8.5 | 61.0 | 75.5 | 84.9 | 88.8 | 90.9 | 92.6 | 94.0 | 94.4 | 94.8 | 95.2 | 95.2 | 95.4 | 95.4 | 95.6 | 95.7 |
| 1000 | 8.5 | 61.0 | 75.7 | 85.1 | 88.9 | 91.0 | 92.8 | 94.2 | 94.7 | 95.1 | 95.4 | 95.4 | 95.7 | 95.7 | 95.8 | 95.9 |
| 900 | 8.5 | 61.4 | 77.0 | 85.4 | 89.4 | 91.5 | 93.3 | 94.7 | 95.0 | 95.6 | 95.9 | 95.9 | 96.2 | 96.2 | 96.3 | 96.4 |
| 800 | 8.5 | 61.5 | 77.3 | 86.0 | 90.1 | 92.2 | 94.1 | 95.0 | 96.0 | 96.4 | 96.8 | 96.8 | 97.0 | 97.0 | 97.1 | 97.3 |
| 700 | 8.5 | 61.7 | 77.8 | 86.5 | 90.9 | 93.1 | 95.1 | 96.8 | 97.3 | 97.7 | 98.0 | 98.0 | 98.3 | 98.3 | 98.4 | 98.5 |
| 600 | 8.5 | 61.9 | 77.9 | 86.8 | 91.1 | 93.3 | 95.3 | 97.0 | 97.5 | 97.9 | 98.3 | 98.3 | 98.5 | 98.5 | 98.6 | 98.8 |
| 500 | 8.5 | 61.9 | 77.9 | 86.9 | 91.2 | 93.7 | 95.7 | 97.8 | 98.7 | 98.6 | 99.0 | 99.0 | 99.3 | 99.3 | 99.4 | 99.5 |
| 400 | 8.5 | 61.9 | 77.9 | 86.9 | 91.2 | 93.8 | 95.8 | 97.9 | 98.4 | 98.8 | 99.1 | 99.1 | 99.4 | 99.4 | 99.5 | 99.6 |
| 300 | 8.5 | 61.9 | 77.9 | 86.9 | 91.2 | 93.8 | 95.8 | 97.9 | 98.4 | 98.8 | 99.1 | 99.1 | 99.5 | 99.5 | 99.6 | 99.9 |
| 200 | 8.5 | 61.9 | 77.9 | 86.9 | 91.2 | 93.8 | 95.8 | 97.9 | 98.4 | 98.8 | 99.1 | 99.1 | 99.5 | 99.5 | 99.6 | 100.0 |
| 100 | 8.5 | 61.9 | 77.9 | 86.9 | 91.2 | 93.8 | 95.8 | 97.9 | 98.4 | 98.8 | 99.1 | 99.1 | 99.5 | 99.5 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 310

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FT CAMPBELL KY

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

840-1100

| ELEVATION FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|-------|--------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0.005 |
| NO CEILING | 13.7 | 55.4 | 67.6 | 62.7 | 64.7 | 64.2 | 64.3 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥20000 | 14.3 | 63.1 | 67.0 | 71.1 | 72.3 | 72.6 | 72.7 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥18000 | 14.4 | 63.6 | 69.5 | 71.6 | 72.8 | 73.1 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥16000 | 14.4 | 63.6 | 69.5 | 71.6 | 72.8 | 73.1 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥14000 | 14.4 | 63.6 | 69.5 | 71.6 | 72.8 | 73.1 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥12000 | 14.4 | 64.6 | 71.0 | 73.2 | 74.4 | 74.7 | 74.8 | 74.8 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥10000 | 15.2 | 68.3 | 75.1 | 77.7 | 79.1 | 79.4 | 79.6 | 79.6 | 79.6 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥8000 | 15.3 | 68.8 | 75.7 | 78.3 | 79.8 | 80.2 | 80.2 | 80.2 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥6000 | 15.4 | 71.4 | 77.3 | 81.5 | 83.7 | 83.2 | 83.5 | 83.5 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥5000 | 15.6 | 71.7 | 78.8 | 82.0 | 83.5 | 83.7 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥4500 | 15.7 | 72.5 | 79.5 | 82.7 | 84.2 | 84.4 | 84.7 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥4000 | 15.7 | 73.2 | 81.1 | 83.3 | 84.9 | 85.2 | 85.4 | 85.4 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥3500 | 15.7 | 73.2 | 81.1 | 83.5 | 85.1 | 85.3 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥3000 | 15.3 | 74.7 | 81.5 | 84.8 | 86.4 | 86.7 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥2500 | 15.7 | 74.8 | 82.8 | 86.2 | 87.8 | 88.0 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥2000 | 15.7 | 76.4 | 84.4 | 87.9 | 89.8 | 90.2 | 90.2 | 90.2 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥1500 | 16.3 | 77.3 | 85.6 | 89.1 | 91.9 | 91.1 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥1000 | 16.3 | 78.1 | 86.4 | 90.0 | 91.9 | 92.1 | 92.3 | 92.3 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥800 | 16.3 | 78.3 | 86.5 | 91.1 | 92.1 | 92.3 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥700 | 16.4 | 79.8 | 88.7 | 92.1 | 94.4 | 94.8 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥600 | 16.5 | 81.4 | 89.1 | 94.0 | 96.4 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥500 | 16.5 | 81.7 | 89.8 | 94.8 | 97.7 | 98.0 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥400 | 16.5 | 81.1 | 89.9 | 95.1 | 97.9 | 98.3 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥300 | 16.5 | 81.1 | 90.0 | 95.2 | 98.1 | 98.5 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥200 | 16.5 | 81.1 | 90.0 | 95.3 | 98.4 | 98.8 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥100 | 16.5 | 81.4 | 91.2 | 95.6 | 98.8 | 99.1 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥50 | 16.5 | 81.6 | 91.5 | 95.8 | 99.7 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥40 | 16.5 | 81.6 | 91.5 | 95.8 | 99.7 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥30 | 16.5 | 81.6 | 91.5 | 95.8 | 99.7 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥20 | 16.5 | 81.6 | 91.5 | 95.8 | 99.7 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥10 | 16.5 | 81.6 | 91.5 | 95.8 | 99.7 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 817

GENERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14671 FT CAMPBELL KY
STATION

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

17 2-14-77

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| ≥20000 | 14.2 | 54.3 | 57.5 | 59.5 | 59.9 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| ≥18000 | 15.6 | 61.9 | 65.6 | 67.9 | 69.7 | 63.6 | 69.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥16000 | 15.6 | 62.1 | 65.8 | 68.1 | 68.5 | 63.9 | 69.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥14000 | 15.6 | 62.2 | 65.9 | 68.3 | 68.6 | 69.0 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥12000 | 16.5 | 63.7 | 67.9 | 70.5 | 71.2 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥10000 | 16.7 | 66.3 | 70.5 | 73.3 | 74.1 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥8000 | 17.3 | 66.7 | 70.9 | 74.0 | 74.7 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥6000 | 18.3 | 70.5 | 74.9 | 78.0 | 78.9 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥4000 | 18.5 | 71.1 | 75.7 | 78.8 | 79.6 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥2000 | 18.5 | 73.6 | 77.2 | 80.4 | 81.1 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥1000 | 18.5 | 73.5 | 73.4 | 81.0 | 82.5 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥800 | 18.5 | 73.7 | 78.8 | 82.0 | 82.8 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥600 | 18.5 | 75.3 | 82.4 | 83.6 | 84.4 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥400 | 19.3 | 76.9 | 87.0 | 85.3 | 86.2 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥200 | 19.6 | 80.7 | 86.3 | 90.0 | 91.1 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥100 | 19.9 | 82.2 | 87.9 | 91.7 | 92.8 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥80 | 19.9 | 83.2 | 89.1 | 93.3 | 94.6 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥60 | 19.9 | 83.5 | 89.4 | 93.6 | 94.8 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥40 | 20.1 | 84.4 | 92.4 | 94.6 | 96.0 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥20 | 20.1 | 85.2 | 91.4 | 95.7 | 97.2 | 98.0 | 98.0 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥10 | 20.1 | 85.4 | 91.6 | 95.9 | 97.7 | 98.5 | 98.5 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥8 | 20.0 | 85.7 | 91.9 | 96.2 | 97.9 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥6 | 20.0 | 85.8 | 92.0 | 96.4 | 98.1 | 99.0 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥4 | 20.0 | 85.8 | 92.0 | 96.4 | 98.1 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥2 | 20.0 | 85.8 | 92.0 | 96.4 | 98.1 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥1 | 20.0 | 85.8 | 92.0 | 96.4 | 98.1 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥0.5 | 20.0 | 85.8 | 92.0 | 96.4 | 98.1 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥0.2 | 20.0 | 85.8 | 92.0 | 96.4 | 98.1 | 99.0 | 99.0 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 01

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATTN: FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FT CAMPBELL KY

73-31

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15-2-1700

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO. OF DAYS | 13.1 | 52.2 | 57.7 | 59.4 | 59.9 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| ≥20000 | 15.4 | 60.2 | 66.7 | 69.1 | 69.9 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥8000 | 15.4 | 60.4 | 66.7 | 69.3 | 70.0 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥6000 | 15.4 | 60.5 | 66.8 | 69.4 | 70.1 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| ≥4000 | 15.3 | 62.0 | 67.8 | 70.9 | 71.6 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥2000 | 16.1 | 64.2 | 70.4 | 73.6 | 74.4 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥1000 | 17.1 | 67.0 | 73.7 | 77.2 | 78.1 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥500 | 17.2 | 67.6 | 74.4 | 78.1 | 79.0 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥200 | 17.7 | 71.0 | 79.3 | 82.3 | 83.8 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥100 | 17.7 | 72.0 | 79.5 | 83.6 | 84.6 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥50 | 17.9 | 72.7 | 80.4 | 84.4 | 85.4 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥20 | 18.1 | 73.5 | 81.5 | 85.6 | 86.5 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥10 | 18.4 | 74.8 | 83.6 | 88.1 | 89.3 | 89.6 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥5 | 19.5 | 76.3 | 85.1 | 89.6 | 90.7 | 91.1 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 |
| ≥2 | 19.5 | 77.4 | 86.6 | 91.9 | 93.1 | 93.7 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 |
| ≥1 | 18.9 | 78.6 | 88.3 | 93.7 | 94.9 | 95.7 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 |
| ≥0.5 | 19.9 | 79.6 | 89.6 | 95.1 | 96.3 | 97.0 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 |
| ≥0.2 | 18.9 | 79.6 | 89.6 | 95.1 | 96.3 | 97.0 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 |
| ≥0.1 | 18.9 | 79.9 | 89.9 | 95.3 | 96.7 | 97.4 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 |
| ≥0.05 | 18.9 | 80.1 | 90.2 | 95.7 | 97.2 | 97.9 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 |
| ≥0.02 | 19.1 | 80.4 | 90.5 | 96.0 | 97.7 | 98.4 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 |
| ≥0.01 | 19.1 | 80.4 | 90.5 | 96.0 | 97.7 | 98.4 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 |
| ≥0.005 | 19.1 | 80.4 | 90.5 | 96.0 | 97.7 | 98.4 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 |
| ≥0.002 | 19.1 | 80.4 | 90.5 | 96.0 | 97.7 | 98.4 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 |
| ≥0.001 | 19.1 | 80.4 | 90.5 | 96.0 | 97.7 | 98.4 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 |
| ≥0.0005 | 19.1 | 80.4 | 90.5 | 96.0 | 97.7 | 98.4 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 |
| ≥0.0002 | 19.1 | 80.4 | 90.5 | 96.0 | 97.7 | 98.4 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 |
| ≥0.0001 | 19.1 | 80.4 | 90.5 | 96.0 | 97.7 | 98.4 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 |
| ≥0.00005 | 19.1 | 80.4 | 90.5 | 96.0 | 97.7 | 98.4 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 |
| ≥0.00002 | 19.1 | 80.4 | 90.5 | 96.0 | 97.7 | 98.4 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 |
| ≥0.00001 | 19.1 | 80.4 | 90.5 | 96.0 | 97.7 | 98.4 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7467.1 FT CAMPBELL KY

73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19.0-19.00

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|------|------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .3 | ≥ .2 | ≥ .1 | ≥ .05 | ≥ .03 | ≥ .01 |
| NO CEILING | 11.2 | 53.8 | 67.4 | 62.2 | 63.5 | 63.5 | 53.6 | 63.8 | 67.8 | 63.8 | 54.7 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| ≥ 20000 | 12.6 | 59.4 | 67.7 | 69.9 | 71.5 | 71.5 | 71.6 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 18000 | 12.6 | 59.4 | 67.7 | 69.9 | 71.5 | 71.5 | 71.6 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 16000 | 12.6 | 59.4 | 67.9 | 70.1 | 71.7 | 71.7 | 71.9 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 14000 | 12.6 | 59.6 | 68.1 | 71.4 | 72.0 | 72.0 | 72.1 | 72.3 | 72.3 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 12000 | 12.6 | 61.4 | 71.2 | 72.5 | 74.1 | 74.1 | 74.2 | 74.4 | 74.4 | 74.4 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 10000 | 14.1 | 66.4 | 76.3 | 79.3 | 81.0 | 81.0 | 81.1 | 81.4 | 81.4 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 9000 | 14.1 | 66.7 | 75.5 | 79.4 | 81.4 | 81.4 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 8000 | 14.4 | 68.6 | 78.9 | 82.6 | 84.7 | 84.8 | 84.9 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 7000 | 15.1 | 71.1 | 81.9 | 85.6 | 87.7 | 87.8 | 87.9 | 88.1 | 88.1 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 6000 | 15.4 | 72.3 | 83.1 | 86.8 | 89.0 | 89.1 | 89.3 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 5000 | 15.4 | 73.0 | 83.8 | 87.8 | 90.0 | 90.1 | 90.2 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 4500 | 15.4 | 73.1 | 84.0 | 87.9 | 90.1 | 90.2 | 90.4 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 4000 | 15.4 | 74.4 | 85.4 | 89.5 | 91.9 | 92.0 | 92.1 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 3500 | 15.6 | 75.4 | 86.7 | 91.5 | 93.3 | 93.5 | 93.6 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 3000 | 15.6 | 75.5 | 88.0 | 92.6 | 94.9 | 95.1 | 95.2 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 2500 | 15.6 | 77.8 | 89.5 | 94.2 | 96.7 | 96.8 | 96.9 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 2000 | 15.6 | 77.9 | 89.6 | 94.3 | 97.2 | 97.3 | 97.5 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1800 | 15.6 | 78.1 | 89.8 | 94.4 | 97.3 | 97.4 | 97.7 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1500 | 15.6 | 78.1 | 89.9 | 94.9 | 97.9 | 98.1 | 98.4 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1200 | 15.6 | 78.1 | 89.9 | 94.9 | 98.1 | 98.4 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 15.6 | 78.1 | 89.9 | 94.9 | 98.1 | 98.4 | 98.9 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 900 | 15.6 | 78.1 | 89.9 | 94.9 | 98.1 | 98.4 | 98.9 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 15.6 | 78.1 | 89.9 | 94.9 | 98.1 | 98.4 | 98.9 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 15.6 | 78.1 | 89.9 | 94.9 | 98.1 | 98.4 | 98.9 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600 | 15.6 | 78.1 | 89.9 | 94.9 | 98.1 | 98.4 | 98.9 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 15.6 | 78.1 | 89.9 | 94.9 | 98.3 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 15.6 | 78.1 | 89.9 | 94.9 | 98.3 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 15.6 | 78.1 | 89.9 | 94.9 | 98.3 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 15.6 | 78.1 | 89.9 | 94.9 | 98.3 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 15.6 | 78.1 | 89.9 | 94.9 | 98.3 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 15.6 | 78.1 | 89.9 | 94.9 | 98.3 | 98.5 | 99.1 | 99.6 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 81

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74671 FT CAMPBELL KY

73-31

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|------|------|------|------|-------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .3 | ≥ .2 | ≥ .1 | ≥ .05 | ≥ .01 | ≥ 0 |
| NO CEILING | 9.4 | 62.2 | 68.3 | 77.6 | 73.1 | 73.3 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 20000 | 10.7 | 65.6 | 72.7 | 75.6 | 78.0 | 78.3 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 18000 | 10.7 | 65.6 | 72.7 | 75.6 | 78.0 | 78.3 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 16000 | 10.7 | 65.6 | 72.7 | 75.6 | 78.0 | 78.3 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 14000 | 10.7 | 65.6 | 72.7 | 75.6 | 78.0 | 78.3 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 12000 | 10.7 | 65.6 | 72.7 | 75.6 | 78.0 | 78.3 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 10000 | 10.4 | 70.9 | 79.7 | 82.1 | 84.7 | 84.9 | 85.3 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 9000 | 10.4 | 71.1 | 79.6 | 82.6 | 85.4 | 85.7 | 86.0 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 8000 | 10.6 | 72.6 | 81.6 | 85.3 | 88.7 | 88.4 | 88.8 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 7000 | 11.2 | 74.3 | 83.3 | 87.1 | 89.8 | 92.1 | 92.5 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 6000 | 11.2 | 74.7 | 83.7 | 87.4 | 90.1 | 92.5 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 5000 | 11.2 | 76.5 | 85.8 | 89.5 | 92.2 | 92.7 | 93.1 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 4500 | 11.2 | 76.7 | 86.7 | 89.9 | 92.6 | 93.1 | 93.5 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 4000 | 11.2 | 77.9 | 87.7 | 91.5 | 94.2 | 94.7 | 95.1 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 3500 | 11.2 | 78.4 | 88.4 | 92.2 | 94.9 | 95.4 | 95.8 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 3000 | 11.2 | 79.4 | 89.5 | 93.8 | 96.8 | 97.3 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 2500 | 11.2 | 79.8 | 89.9 | 94.2 | 97.3 | 97.8 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 2000 | 11.2 | 79.8 | 89.9 | 94.2 | 97.3 | 97.8 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1800 | 11.2 | 79.9 | 90.0 | 94.3 | 97.4 | 97.9 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1500 | 11.2 | 79.9 | 90.0 | 94.3 | 97.7 | 98.1 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1000 | 11.2 | 80.0 | 90.1 | 94.4 | 97.9 | 98.4 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 900 | 11.2 | 80.0 | 90.1 | 94.4 | 97.9 | 98.4 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800 | 11.2 | 80.0 | 90.1 | 94.4 | 97.9 | 98.4 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 700 | 11.2 | 80.0 | 90.1 | 94.4 | 97.9 | 98.4 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 11.2 | 80.0 | 90.1 | 94.4 | 97.9 | 98.4 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 11.2 | 80.0 | 90.1 | 94.4 | 98.0 | 98.5 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 11.2 | 80.0 | 90.1 | 94.4 | 98.0 | 98.5 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | 11.2 | 80.0 | 90.1 | 94.4 | 98.1 | 98.6 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 11.2 | 80.0 | 90.1 | 94.4 | 98.1 | 98.6 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 100 | 11.2 | 80.0 | 90.1 | 94.4 | 98.1 | 98.6 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 0 | 11.2 | 80.0 | 90.1 | 94.4 | 98.1 | 98.6 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7467.1 FT CAMPBELL KY

73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|------|------|------|------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .3 | ≥ .2 | ≥ .1 | ≥ .05 | ≥ .03 | ≥ .01 |
| NO CEILING | 10.4 | 52.4 | 58.5 | 61.6 | 63.8 | 64.4 | 64.9 | 65.4 | 65.5 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 66.1 |
| ≥ 20000 | 11.4 | 57.8 | 64.7 | 68.2 | 70.6 | 71.2 | 71.8 | 72.3 | 72.4 | 72.6 | 72.7 | 72.7 | 72.8 | 72.8 | 72.9 | 72.9 |
| ≥ 18000 | 11.4 | 57.9 | 64.9 | 68.3 | 71.7 | 71.4 | 72.0 | 72.5 | 72.6 | 72.8 | 72.9 | 72.9 | 72.9 | 73.0 | 73.0 | 73.1 |
| ≥ 16000 | 11.4 | 57.9 | 64.9 | 68.4 | 71.8 | 71.4 | 72.0 | 72.5 | 72.6 | 72.8 | 72.9 | 72.9 | 73.0 | 73.0 | 73.1 | 73.1 |
| ≥ 14000 | 11.4 | 58.3 | 65.3 | 68.8 | 71.1 | 71.8 | 72.4 | 72.9 | 73.0 | 73.2 | 73.4 | 73.4 | 73.4 | 73.5 | 73.5 | 73.6 |
| ≥ 12000 | 11.3 | 59.8 | 67.2 | 70.8 | 73.4 | 74.0 | 74.6 | 75.2 | 75.3 | 75.5 | 75.6 | 75.7 | 75.7 | 75.8 | 75.8 | 75.9 |
| ≥ 10000 | 12.3 | 63.5 | 71.4 | 75.4 | 78.0 | 78.7 | 79.4 | 79.9 | 80.1 | 80.3 | 80.4 | 80.5 | 80.5 | 80.6 | 80.6 | 80.7 |
| ≥ 9000 | 12.4 | 63.9 | 71.9 | 75.9 | 78.6 | 79.3 | 80.0 | 80.5 | 80.6 | 80.9 | 81.0 | 81.0 | 81.1 | 81.1 | 81.2 | 81.3 |
| ≥ 8000 | 12.3 | 66.3 | 74.7 | 79.1 | 81.9 | 82.6 | 83.3 | 83.9 | 84.1 | 84.2 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.6 |
| ≥ 7000 | 13.0 | 67.4 | 76.0 | 80.4 | 83.2 | 84.0 | 84.6 | 85.2 | 85.3 | 85.5 | 85.7 | 85.7 | 85.8 | 85.8 | 85.9 | 86.0 |
| ≥ 6000 | 13.1 | 68.1 | 76.7 | 81.1 | 84.0 | 84.7 | 85.4 | 86.0 | 86.1 | 86.3 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.7 |
| ≥ 5000 | 13.2 | 69.0 | 77.8 | 82.4 | 85.3 | 86.0 | 86.7 | 87.3 | 87.4 | 87.7 | 87.8 | 87.8 | 87.9 | 87.9 | 88.0 | 88.1 |
| ≥ 4500 | 13.2 | 69.2 | 78.1 | 82.7 | 85.6 | 86.3 | 87.0 | 87.6 | 87.7 | 87.9 | 88.1 | 88.1 | 88.2 | 88.2 | 88.3 | 88.4 |
| ≥ 4000 | 13.3 | 70.5 | 79.7 | 84.4 | 87.4 | 88.1 | 88.9 | 89.5 | 89.6 | 89.8 | 90.0 | 90.0 | 90.1 | 90.1 | 90.2 | 90.3 |
| ≥ 3500 | 13.5 | 71.3 | 80.7 | 85.5 | 88.5 | 89.4 | 90.1 | 90.7 | 90.8 | 91.0 | 91.2 | 91.2 | 91.3 | 91.4 | 91.4 | 91.5 |
| ≥ 3000 | 13.5 | 72.7 | 82.3 | 87.4 | 90.6 | 91.5 | 92.3 | 92.9 | 93.0 | 93.3 | 93.4 | 93.4 | 93.5 | 93.6 | 93.6 | 93.7 |
| ≥ 2500 | 13.6 | 73.4 | 83.2 | 88.3 | 91.6 | 92.5 | 93.3 | 93.9 | 94.1 | 94.3 | 94.5 | 94.5 | 94.6 | 94.6 | 94.7 | 94.8 |
| ≥ 2000 | 13.7 | 73.9 | 83.9 | 89.1 | 92.4 | 93.4 | 94.2 | 94.8 | 94.9 | 95.2 | 95.4 | 95.4 | 95.5 | 95.5 | 95.6 | 95.6 |
| ≥ 1800 | 13.7 | 74.0 | 84.0 | 89.2 | 92.6 | 93.5 | 94.3 | 94.9 | 95.0 | 95.3 | 95.5 | 95.5 | 95.6 | 95.6 | 95.7 | 95.8 |
| ≥ 1500 | 13.7 | 74.6 | 84.4 | 90.0 | 93.5 | 94.5 | 95.3 | 95.9 | 96.1 | 96.3 | 96.5 | 96.6 | 96.7 | 96.7 | 96.7 | 96.8 |
| ≥ 1200 | 13.3 | 75.0 | 85.1 | 90.6 | 94.2 | 95.2 | 96.1 | 96.7 | 96.9 | 97.2 | 97.4 | 97.4 | 97.5 | 97.5 | 97.6 | 97.7 |
| ≥ 1000 | 13.9 | 75.2 | 85.3 | 90.9 | 94.7 | 95.7 | 96.6 | 97.3 | 97.5 | 97.7 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.2 |
| ≥ 900 | 13.9 | 75.2 | 85.4 | 91.0 | 94.8 | 95.8 | 96.7 | 97.4 | 97.6 | 97.9 | 98.1 | 98.1 | 98.2 | 98.2 | 98.3 | 98.4 |
| ≥ 800 | 13.9 | 75.3 | 85.5 | 91.1 | 94.9 | 95.9 | 96.8 | 97.6 | 97.8 | 98.0 | 98.2 | 98.2 | 98.3 | 98.4 | 98.4 | 98.5 |
| ≥ 700 | 13.9 | 75.3 | 85.6 | 91.2 | 95.1 | 96.1 | 97.0 | 97.8 | 98.0 | 98.2 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.7 |
| ≥ 600 | 13.9 | 75.4 | 85.7 | 91.3 | 95.2 | 96.3 | 97.2 | 98.1 | 98.3 | 98.5 | 98.7 | 98.8 | 98.9 | 98.9 | 99.0 | 99.1 |
| ≥ 500 | 13.9 | 75.4 | 85.7 | 91.4 | 95.4 | 96.5 | 97.5 | 98.3 | 98.5 | 98.8 | 99.0 | 99.0 | 99.2 | 99.2 | 99.3 | 99.4 |
| ≥ 400 | 13.9 | 75.4 | 85.7 | 91.4 | 95.4 | 96.6 | 97.6 | 98.5 | 98.7 | 99.0 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 |
| ≥ 300 | 13.9 | 75.4 | 85.7 | 91.4 | 95.5 | 96.6 | 97.6 | 98.6 | 98.8 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.8 |
| ≥ 200 | 13.9 | 75.4 | 85.7 | 91.4 | 95.5 | 96.7 | 97.7 | 98.6 | 98.8 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 |
| ≥ 100 | 13.9 | 75.4 | 85.7 | 91.4 | 95.5 | 96.7 | 97.7 | 98.6 | 98.8 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.9 |
| ≥ 0 | 13.9 | 75.4 | 85.7 | 91.4 | 95.5 | 96.7 | 97.7 | 98.6 | 98.8 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6487

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

746710 FT CAMPBELL KY

73-31

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

746710

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|-------|--------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0.005 |
| NO CEILING | 5.7 | 42.8 | 57.4 | 61.9 | 69.5 | 71.3 | 72.5 | 73.5 | 74.0 | 74.2 | 74.3 | 74.3 | 74.4 | 74.4 | 75.0 | 75.0 |
| ≥20000 | 6.1 | 44.9 | 55.2 | 65.8 | 74.7 | 75.4 | 77.1 | 78.7 | 79.1 | 79.3 | 79.5 | 79.5 | 79.6 | 79.6 | 80.2 | 80.2 |
| ≥18000 | 6.1 | 44.9 | 56.2 | 65.9 | 74.1 | 75.5 | 77.2 | 78.9 | 79.2 | 79.5 | 79.6 | 79.6 | 79.7 | 79.7 | 80.3 | 80.3 |
| ≥16000 | 6.1 | 44.9 | 56.2 | 66.1 | 74.4 | 75.9 | 77.5 | 79.2 | 79.6 | 79.8 | 79.9 | 79.9 | 80.1 | 80.2 | 80.6 | 80.6 |
| ≥14000 | 6.1 | 45.0 | 56.4 | 66.4 | 74.8 | 76.2 | 77.9 | 79.6 | 79.9 | 80.2 | 80.3 | 80.3 | 80.4 | 80.4 | 81.0 | 81.0 |
| ≥12000 | 6.1 | 45.4 | 57.1 | 67.1 | 75.5 | 76.9 | 78.7 | 80.4 | 81.7 | 81.2 | 81.4 | 81.4 | 81.5 | 81.5 | 82.1 | 82.1 |
| ≥10000 | 6.7 | 49.7 | 61.6 | 72.0 | 80.8 | 82.2 | 84.0 | 85.9 | 86.3 | 86.5 | 86.6 | 86.6 | 86.6 | 86.7 | 87.3 | 87.3 |
| ≥9000 | 6.9 | 49.7 | 61.6 | 72.0 | 80.8 | 82.2 | 84.0 | 85.9 | 86.3 | 86.5 | 86.6 | 86.6 | 86.6 | 86.7 | 87.3 | 87.3 |
| ≥8000 | 7.1 | 52.0 | 63.9 | 74.3 | 83.2 | 84.6 | 86.5 | 88.4 | 88.8 | 89.0 | 89.1 | 89.1 | 89.2 | 89.2 | 89.8 | 89.8 |
| ≥7000 | 7.3 | 52.1 | 64.3 | 74.8 | 83.9 | 85.3 | 87.2 | 89.2 | 89.6 | 89.8 | 89.8 | 90.0 | 90.1 | 90.1 | 90.7 | 90.7 |
| ≥6000 | 7.4 | 52.2 | 64.4 | 74.9 | 84.7 | 85.4 | 87.3 | 89.4 | 89.7 | 90.0 | 90.1 | 90.1 | 90.2 | 90.2 | 90.8 | 90.8 |
| ≥5000 | 7.4 | 52.2 | 64.4 | 75.1 | 84.5 | 85.9 | 87.8 | 89.8 | 90.2 | 90.4 | 90.6 | 90.6 | 90.7 | 90.7 | 91.3 | 91.3 |
| ≥4500 | 7.4 | 52.2 | 64.4 | 75.0 | 84.5 | 85.9 | 87.8 | 89.8 | 90.2 | 90.4 | 90.6 | 90.6 | 90.7 | 90.7 | 91.3 | 91.3 |
| ≥4000 | 7.6 | 53.8 | 66.1 | 77.1 | 86.9 | 88.3 | 90.3 | 92.4 | 92.7 | 93.0 | 93.1 | 93.1 | 93.2 | 93.2 | 93.8 | 93.8 |
| ≥3500 | 7.6 | 54.1 | 66.4 | 77.5 | 87.3 | 88.8 | 90.8 | 93.0 | 93.3 | 93.5 | 93.7 | 93.7 | 93.8 | 93.8 | 94.4 | 94.4 |
| ≥3000 | 7.6 | 55.3 | 67.6 | 78.9 | 89.7 | 91.4 | 92.5 | 94.9 | 95.2 | 95.5 | 95.6 | 95.6 | 95.7 | 95.7 | 96.3 | 96.3 |
| ≥2500 | 7.6 | 55.6 | 68.1 | 79.3 | 89.5 | 91.9 | 93.0 | 95.3 | 95.7 | 95.9 | 96.1 | 96.1 | 96.2 | 96.2 | 96.8 | 96.8 |
| ≥2000 | 7.6 | 55.6 | 68.2 | 79.5 | 90.0 | 91.4 | 93.4 | 95.8 | 96.2 | 96.5 | 96.8 | 96.8 | 96.9 | 96.9 | 97.5 | 97.5 |
| ≥1800 | 7.6 | 55.6 | 68.3 | 79.6 | 90.1 | 91.5 | 93.5 | 95.9 | 96.3 | 96.8 | 97.0 | 97.0 | 97.1 | 97.1 | 97.7 | 97.7 |
| ≥1500 | 7.6 | 55.8 | 68.8 | 80.0 | 90.6 | 92.0 | 94.0 | 96.4 | 96.8 | 97.3 | 97.5 | 97.5 | 97.6 | 97.6 | 98.2 | 98.2 |
| ≥1200 | 7.6 | 55.9 | 68.9 | 80.2 | 90.7 | 92.1 | 94.1 | 96.5 | 96.9 | 97.4 | 97.6 | 97.6 | 97.7 | 97.7 | 98.3 | 98.3 |
| ≥1000 | 7.6 | 56.0 | 69.1 | 80.4 | 91.7 | 92.5 | 94.6 | 97.3 | 97.6 | 98.1 | 98.3 | 98.3 | 98.4 | 98.4 | 99.0 | 99.0 |
| ≥900 | 7.6 | 56.3 | 69.3 | 80.6 | 91.3 | 92.7 | 94.9 | 97.5 | 97.8 | 98.3 | 98.6 | 98.6 | 98.7 | 98.7 | 99.3 | 99.3 |
| ≥800 | 7.6 | 56.3 | 69.5 | 80.9 | 91.5 | 93.0 | 95.1 | 97.7 | 98.1 | 98.6 | 98.8 | 98.8 | 98.9 | 98.9 | 99.5 | 99.5 |
| ≥700 | 7.6 | 56.5 | 69.8 | 81.1 | 91.8 | 93.2 | 95.3 | 98.0 | 98.3 | 98.8 | 99.0 | 99.0 | 99.2 | 99.2 | 99.8 | 99.8 |
| ≥600 | 7.6 | 56.5 | 69.8 | 81.1 | 91.9 | 93.3 | 95.5 | 98.1 | 98.4 | 98.9 | 99.2 | 99.2 | 99.3 | 99.3 | 99.9 | 99.9 |
| ≥500 | 7.6 | 56.5 | 69.8 | 81.1 | 91.9 | 93.3 | 95.5 | 98.1 | 98.4 | 98.9 | 99.2 | 99.2 | 99.3 | 99.3 | 99.9 | 99.9 |
| ≥400 | 7.6 | 56.5 | 69.8 | 81.1 | 92.0 | 93.4 | 95.6 | 98.2 | 98.6 | 99.0 | 99.3 | 99.3 | 99.4 | 99.4 | 100.0 | 100.0 |
| ≥300 | 7.6 | 56.5 | 69.8 | 81.1 | 92.0 | 93.4 | 95.6 | 98.2 | 98.6 | 99.0 | 99.3 | 99.3 | 99.4 | 99.4 | 100.0 | 100.0 |
| ≥200 | 7.6 | 56.5 | 69.8 | 81.1 | 92.0 | 93.4 | 95.6 | 98.2 | 98.6 | 99.0 | 99.3 | 99.3 | 99.4 | 99.4 | 100.0 | 100.0 |
| ≥100 | 7.6 | 56.5 | 69.8 | 81.1 | 92.0 | 93.4 | 95.6 | 98.2 | 98.6 | 99.0 | 99.3 | 99.3 | 99.4 | 99.4 | 100.0 | 100.0 |
| ≥50 | 7.6 | 56.5 | 69.8 | 81.1 | 92.0 | 93.4 | 95.6 | 98.2 | 98.6 | 99.0 | 99.3 | 99.3 | 99.4 | 99.4 | 100.0 | 100.0 |
| ≥20 | 7.6 | 56.5 | 69.8 | 81.1 | 92.0 | 93.4 | 95.6 | 98.2 | 98.6 | 99.0 | 99.3 | 99.3 | 99.4 | 99.4 | 100.0 | 100.0 |
| ≥10 | 7.6 | 56.5 | 69.8 | 81.1 | 92.0 | 93.4 | 95.6 | 98.2 | 98.6 | 99.0 | 99.3 | 99.3 | 99.4 | 99.4 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 637

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
046717

STATION NAME
FT CAMPBELL KY

YEAR
73-81

MO
JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-7500

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| NO CEILING | 3.1 | 29.4 | 38.4 | 47.1 | 61.0 | 62.5 | 66.2 | 68.1 | 68.4 | 69.4 | 70.3 | 70.3 | 71.0 | 71.0 | 71.1 | 71.3 |
| ≥ 20000 | 3.2 | 30.0 | 40.4 | 49.8 | 63.7 | 66.1 | 69.8 | 71.9 | 72.3 | 73.2 | 74.2 | 74.2 | 74.9 | 74.9 | 75.2 | 75.3 |
| ≥ 18000 | 3.7 | 30.0 | 40.4 | 49.8 | 63.1 | 66.2 | 69.9 | 72.0 | 72.4 | 73.4 | 74.3 | 74.3 | 74.3 | 75.2 | 75.2 | 75.4 |
| ≥ 16000 | 3.2 | 30.0 | 40.4 | 49.8 | 63.1 | 66.2 | 69.9 | 72.0 | 72.4 | 73.4 | 74.3 | 74.3 | 74.3 | 75.2 | 75.2 | 75.4 |
| ≥ 14000 | 3.2 | 30.0 | 40.4 | 49.9 | 63.2 | 66.3 | 70.1 | 72.3 | 72.6 | 73.6 | 74.6 | 74.6 | 75.3 | 75.3 | 75.4 | 75.6 |
| ≥ 12000 | 3.5 | 30.7 | 41.2 | 50.8 | 64.2 | 67.4 | 71.2 | 73.4 | 73.7 | 74.7 | 75.7 | 75.7 | 76.5 | 76.5 | 76.6 | 76.8 |
| ≥ 10000 | 4.4 | 34.5 | 45.4 | 55.8 | 69.4 | 72.8 | 76.9 | 79.2 | 79.6 | 80.5 | 81.6 | 81.6 | 82.4 | 82.4 | 82.7 | 82.9 |
| ≥ 9000 | 4.4 | 34.6 | 45.8 | 56.2 | 69.8 | 73.1 | 77.4 | 79.7 | 80.7 | 81.0 | 82.1 | 82.1 | 82.9 | 82.9 | 83.2 | 83.4 |
| ≥ 8000 | 4.7 | 36.1 | 47.4 | 57.9 | 71.7 | 75.0 | 79.5 | 81.7 | 82.3 | 83.3 | 84.3 | 84.3 | 85.2 | 85.2 | 85.4 | 85.7 |
| ≥ 7000 | 4.7 | 36.1 | 47.6 | 58.3 | 72.2 | 75.5 | 79.9 | 82.3 | 82.9 | 83.9 | 84.9 | 84.9 | 85.8 | 85.8 | 86.0 | 86.3 |
| ≥ 6000 | 4.7 | 36.4 | 47.9 | 58.7 | 72.5 | 75.9 | 80.3 | 82.7 | 83.7 | 84.2 | 85.7 | 85.3 | 86.1 | 86.1 | 86.4 | 86.6 |
| ≥ 5000 | 4.7 | 36.9 | 48.4 | 59.4 | 73.4 | 76.7 | 81.1 | 83.5 | 84.1 | 85.1 | 86.1 | 86.1 | 87.0 | 87.0 | 87.2 | 87.5 |
| ≥ 4500 | 4.7 | 37.0 | 49.5 | 59.5 | 73.5 | 76.8 | 81.2 | 83.6 | 84.2 | 85.2 | 86.3 | 86.3 | 87.1 | 87.1 | 87.3 | 87.6 |
| ≥ 4000 | 4.7 | 37.9 | 49.6 | 60.7 | 74.9 | 78.3 | 82.8 | 85.3 | 85.9 | 86.9 | 88.1 | 88.1 | 88.9 | 88.9 | 89.1 | 89.4 |
| ≥ 3500 | 4.7 | 38.4 | 51.1 | 61.2 | 75.4 | 78.7 | 83.3 | 85.8 | 86.4 | 87.3 | 88.5 | 88.5 | 89.4 | 89.4 | 89.6 | 89.8 |
| ≥ 3000 | 4.8 | 38.7 | 51.4 | 61.6 | 76.7 | 79.3 | 83.9 | 86.4 | 87.0 | 88.1 | 89.2 | 89.2 | 90.1 | 90.1 | 90.3 | 90.6 |
| ≥ 2500 | 4.8 | 39.1 | 51.0 | 62.4 | 76.8 | 80.2 | 84.7 | 87.2 | 87.8 | 88.9 | 90.1 | 90.1 | 90.9 | 90.9 | 91.2 | 91.4 |
| ≥ 2000 | 4.8 | 39.1 | 51.0 | 62.4 | 76.9 | 80.3 | 84.8 | 87.3 | 87.9 | 89.0 | 90.2 | 90.2 | 91.0 | 91.0 | 91.3 | 91.5 |
| ≥ 1800 | 4.3 | 39.3 | 51.3 | 62.7 | 77.4 | 81.8 | 85.3 | 87.8 | 88.4 | 89.5 | 90.8 | 90.8 | 91.6 | 91.6 | 91.9 | 92.1 |
| ≥ 1600 | 4.3 | 39.4 | 51.4 | 63.0 | 77.7 | 81.2 | 85.8 | 88.3 | 88.9 | 90.0 | 91.4 | 91.4 | 92.2 | 92.2 | 92.5 | 92.7 |
| ≥ 1400 | 4.3 | 39.5 | 51.6 | 63.4 | 78.1 | 81.7 | 86.3 | 88.8 | 89.4 | 90.4 | 91.9 | 91.9 | 92.7 | 92.7 | 93.0 | 93.2 |
| ≥ 1200 | 4.3 | 39.9 | 52.1 | 63.7 | 78.7 | 82.3 | 87.1 | 89.6 | 90.2 | 91.3 | 92.7 | 92.7 | 93.5 | 93.5 | 93.8 | 94.0 |
| ≥ 1000 | 4.8 | 40.1 | 52.3 | 64.5 | 79.3 | 82.9 | 87.7 | 90.3 | 90.9 | 92.0 | 93.4 | 93.4 | 94.3 | 94.3 | 94.5 | 94.7 |
| ≥ 900 | 4.8 | 40.1 | 52.3 | 64.5 | 79.6 | 83.3 | 88.1 | 90.7 | 91.3 | 92.4 | 93.8 | 93.8 | 94.6 | 94.6 | 94.9 | 95.1 |
| ≥ 800 | 4.9 | 40.4 | 52.6 | 64.8 | 79.9 | 83.6 | 88.4 | 91.2 | 91.8 | 93.0 | 94.4 | 94.4 | 95.2 | 95.2 | 95.5 | 95.7 |
| ≥ 700 | 4.8 | 40.6 | 52.9 | 65.1 | 80.4 | 84.1 | 89.2 | 92.0 | 92.6 | 93.8 | 95.2 | 95.2 | 96.1 | 96.1 | 96.3 | 96.5 |
| ≥ 600 | 4.9 | 41.0 | 53.3 | 65.5 | 80.8 | 84.5 | 89.7 | 92.6 | 93.4 | 94.6 | 96.1 | 96.1 | 96.9 | 96.9 | 97.1 | 97.4 |
| ≥ 500 | 4.9 | 41.2 | 53.5 | 65.7 | 81.1 | 84.8 | 90.1 | 93.0 | 93.9 | 95.1 | 96.7 | 96.7 | 97.5 | 97.5 | 97.7 | 98.2 |
| ≥ 400 | 4.8 | 41.2 | 53.6 | 66.1 | 81.5 | 85.2 | 90.6 | 93.4 | 94.4 | 95.6 | 97.1 | 97.1 | 98.0 | 98.0 | 98.2 | 98.7 |
| ≥ 300 | 4.8 | 41.2 | 53.6 | 66.1 | 81.5 | 85.2 | 90.6 | 93.5 | 94.5 | 95.7 | 97.3 | 97.3 | 98.2 | 98.2 | 98.4 | 99.4 |
| ≥ 200 | 4.9 | 41.2 | 53.6 | 66.1 | 81.5 | 85.2 | 90.6 | 93.5 | 94.6 | 95.8 | 97.5 | 97.5 | 98.4 | 98.4 | 98.8 | 99.8 |
| ≥ 100 | 4.9 | 41.2 | 53.6 | 66.1 | 81.5 | 85.2 | 90.6 | 93.5 | 94.6 | 95.8 | 97.5 | 97.5 | 98.4 | 98.4 | 98.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 637

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATMOSPHERIC SERVICE/MAC

CEILING VERSUS VISIBILITY

467 FT CAMPBELL KY

73-81

YEARS

1-1

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

467-527

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 3.1 | 29.2 | 39.3 | 47.9 | 54.4 | 57.1 | 59.6 | 67.9 | 61.5 | 62.2 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥20000 | 3.1 | 31.8 | 43.7 | 54.4 | 62.8 | 64.0 | 66.8 | 68.2 | 68.9 | 69.7 | 70.2 | 70.2 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥18000 | 3.1 | 31.8 | 43.7 | 54.4 | 61.4 | 64.6 | 67.4 | 68.8 | 69.5 | 70.3 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥16000 | 3.1 | 31.8 | 43.7 | 54.4 | 61.4 | 64.6 | 67.4 | 68.8 | 69.5 | 70.3 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥14000 | 3.1 | 31.9 | 43.8 | 54.7 | 61.8 | 65.0 | 67.9 | 69.3 | 70.1 | 70.7 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥12000 | 3.1 | 32.5 | 44.4 | 55.9 | 63.2 | 66.4 | 69.4 | 71.8 | 71.6 | 72.3 | 72.6 | 72.6 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥10000 | 3.1 | 35.1 | 47.7 | 60.0 | 67.6 | 71.0 | 74.0 | 75.4 | 76.2 | 77.1 | 77.4 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥8000 | 3.1 | 35.1 | 47.8 | 60.1 | 67.7 | 71.1 | 74.1 | 75.5 | 76.3 | 77.2 | 77.5 | 77.5 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥6000 | 3.1 | 36.7 | 51.2 | 63.3 | 71.4 | 75.1 | 79.4 | 80.0 | 80.2 | 81.7 | 82.1 | 82.1 | 82.2 | 82.3 | 82.3 | 82.3 |
| ≥4000 | 3.1 | 37.2 | 51.7 | 63.8 | 72.2 | 75.9 | 79.2 | 81.3 | 81.8 | 82.7 | 83.1 | 83.2 | 83.2 | 83.3 | 83.3 | 83.4 |
| ≥2000 | 3.1 | 37.4 | 51.7 | 64.2 | 72.5 | 76.3 | 79.7 | 81.6 | 82.4 | 83.3 | 83.6 | 83.6 | 83.8 | 83.9 | 83.9 | 84.1 |
| ≥1000 | 3.1 | 37.6 | 51.3 | 64.5 | 72.9 | 76.7 | 80.0 | 82.0 | 82.8 | 83.6 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.3 |
| ≥500 | 3.1 | 37.8 | 51.4 | 64.6 | 73.0 | 76.8 | 80.2 | 82.1 | 82.9 | 83.6 | 84.1 | 84.1 | 84.2 | 84.3 | 84.3 | 84.5 |
| ≥250 | 3.1 | 38.1 | 52.2 | 65.4 | 74.1 | 77.9 | 81.4 | 83.6 | 84.5 | 85.4 | 85.8 | 85.8 | 85.9 | 86.0 | 86.0 | 86.1 |
| ≥125 | 3.1 | 38.2 | 52.3 | 65.7 | 74.2 | 78.1 | 81.5 | 83.8 | 84.6 | 85.7 | 86.1 | 86.1 | 86.1 | 86.3 | 86.3 | 86.4 |
| ≥62.5 | 3.1 | 38.4 | 52.4 | 65.9 | 74.7 | 78.5 | 82.1 | 84.3 | 85.2 | 86.3 | 86.6 | 86.6 | 86.7 | 86.9 | 86.9 | 87.1 |
| ≥31.25 | 3.1 | 38.7 | 52.8 | 66.4 | 75.3 | 79.2 | 82.8 | 85.1 | 85.9 | 87.0 | 87.5 | 87.5 | 87.6 | 87.7 | 87.7 | 87.8 |
| ≥15.625 | 3.1 | 39.7 | 52.9 | 66.7 | 75.6 | 79.6 | 83.4 | 85.7 | 86.5 | 87.8 | 88.3 | 88.3 | 88.4 | 88.5 | 88.5 | 88.6 |
| ≥7.8125 | 3.1 | 38.7 | 52.9 | 66.8 | 75.7 | 79.7 | 83.5 | 85.9 | 86.7 | 88.2 | 88.6 | 88.6 | 88.8 | 88.9 | 88.9 | 89.1 |
| ≥3.90625 | 3.1 | 39.3 | 53.6 | 67.6 | 77.1 | 81.1 | 85.2 | 87.6 | 88.4 | 89.8 | 90.3 | 90.3 | 90.6 | 90.7 | 90.7 | 90.8 |
| ≥1.953125 | 3.1 | 40.1 | 54.5 | 68.7 | 78.3 | 82.3 | 86.4 | 88.9 | 89.7 | 91.2 | 91.6 | 91.6 | 91.9 | 92.1 | 92.1 | 92.1 |
| ≥0.9765625 | 3.1 | 40.3 | 54.7 | 69.4 | 79.1 | 83.2 | 87.2 | 89.7 | 90.4 | 92.0 | 92.5 | 92.5 | 92.7 | 92.8 | 92.8 | 93.0 |
| ≥0.48828125 | 3.1 | 40.3 | 54.7 | 69.4 | 79.1 | 83.2 | 87.2 | 89.7 | 90.4 | 92.0 | 92.5 | 92.5 | 92.7 | 92.8 | 92.8 | 93.0 |
| ≥0.244140625 | 3.1 | 40.3 | 54.7 | 69.5 | 79.5 | 83.5 | 87.7 | 90.2 | 91.1 | 92.6 | 93.1 | 93.1 | 93.4 | 93.5 | 93.5 | 93.7 |
| ≥0.1220703125 | 3.1 | 40.4 | 54.8 | 69.7 | 79.8 | 83.9 | 88.2 | 90.8 | 91.6 | 93.2 | 93.8 | 93.8 | 94.1 | 94.3 | 94.3 | 94.4 |
| ≥0.06103515625 | 3.1 | 40.4 | 55.0 | 69.9 | 80.3 | 84.5 | 88.9 | 91.8 | 92.6 | 94.1 | 94.7 | 94.7 | 95.1 | 95.2 | 95.2 | 95.3 |
| ≥0.030517578125 | 3.1 | 40.4 | 55.1 | 70.3 | 80.9 | 85.4 | 90.1 | 93.4 | 94.3 | 95.8 | 96.4 | 96.4 | 96.8 | 96.9 | 96.9 | 97.1 |
| ≥0.0152587890625 | 3.1 | 40.4 | 55.2 | 70.3 | 81.2 | 85.8 | 90.4 | 93.9 | 94.7 | 96.4 | 97.3 | 97.3 | 97.6 | 97.7 | 97.7 | 98.1 |
| ≥0.00762939453125 | 3.1 | 40.4 | 55.2 | 70.3 | 81.2 | 85.8 | 90.7 | 94.5 | 95.3 | 97.3 | 98.0 | 98.0 | 98.4 | 98.7 | 98.7 | 99.2 |
| ≥0.003814697265625 | 3.1 | 40.4 | 55.2 | 70.3 | 81.2 | 85.8 | 90.7 | 94.5 | 95.7 | 97.5 | 98.4 | 98.6 | 99.0 | 99.4 | 99.4 | 99.9 |
| ≥0.0019073486328125 | 3.1 | 40.4 | 55.2 | 70.3 | 81.2 | 85.8 | 90.7 | 94.5 | 95.7 | 97.5 | 98.6 | 98.7 | 99.2 | 99.5 | 99.5 | 100.0 |
| ≥0.00095367431640625 | 3.1 | 40.4 | 55.2 | 70.3 | 81.2 | 85.8 | 90.7 | 94.5 | 95.7 | 97.5 | 98.6 | 98.7 | 99.2 | 99.5 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 467

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1467 FT CAMPBELL KY

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.75 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.01 |
| ≥20000 | 6.1 | 40.4 | 49.2 | 54.0 | 58.3 | 58.5 | 59.3 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥18000 | 6.6 | 45.2 | 55.3 | 60.7 | 65.5 | 65.9 | 66.8 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥16000 | 6.6 | 45.3 | 55.4 | 60.8 | 65.6 | 66.1 | 66.9 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥14000 | 6.6 | 45.3 | 55.4 | 60.8 | 65.6 | 66.1 | 66.9 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥12000 | 6.6 | 45.5 | 55.9 | 61.4 | 66.2 | 66.7 | 67.5 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥10000 | 6.6 | 47.2 | 58.4 | 64.6 | 69.5 | 70.0 | 70.8 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥9000 | 7.2 | 50.7 | 62.2 | 69.2 | 74.3 | 74.8 | 75.6 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥8000 | 7.2 | 50.9 | 62.5 | 69.4 | 74.6 | 75.2 | 75.9 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥7000 | 7.3 | 53.3 | 65.5 | 72.5 | 77.7 | 78.1 | 79.0 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥6000 | 7.4 | 53.8 | 66.1 | 73.8 | 78.4 | 78.9 | 79.7 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥5000 | 7.5 | 54.4 | 66.7 | 73.8 | 79.0 | 79.5 | 80.3 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥4500 | 7.5 | 54.7 | 67.1 | 74.4 | 79.6 | 80.0 | 80.9 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥4000 | 7.5 | 55.0 | 67.5 | 74.9 | 80.0 | 80.5 | 81.4 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥3500 | 7.6 | 55.8 | 68.7 | 76.2 | 81.5 | 82.0 | 82.9 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥3000 | 7.7 | 56.4 | 69.3 | 76.8 | 82.1 | 82.6 | 83.6 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥2500 | 8.1 | 59.1 | 71.7 | 78.9 | 84.3 | 84.8 | 85.9 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥2000 | 8.1 | 59.4 | 73.1 | 81.5 | 87.7 | 88.4 | 89.7 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥1800 | 8.1 | 60.0 | 73.7 | 82.2 | 89.4 | 89.1 | 90.4 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥1600 | 8.2 | 61.3 | 75.6 | 84.2 | 90.8 | 91.5 | 93.1 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥1400 | 8.3 | 62.3 | 76.7 | 85.7 | 92.6 | 93.3 | 94.9 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥1200 | 8.3 | 62.4 | 77.5 | 86.7 | 94.1 | 94.9 | 96.4 | 97.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥1000 | 8.2 | 62.5 | 77.7 | 87.0 | 94.7 | 95.5 | 97.0 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥900 | 8.2 | 62.8 | 78.0 | 87.7 | 95.6 | 96.3 | 97.8 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥800 | 8.2 | 63.0 | 78.3 | 87.9 | 96.1 | 96.8 | 98.3 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥700 | 8.2 | 63.0 | 78.3 | 88.2 | 96.4 | 97.1 | 98.7 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥600 | 8.2 | 63.1 | 78.3 | 88.2 | 96.5 | 97.3 | 98.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥500 | 8.2 | 63.0 | 78.3 | 88.2 | 96.5 | 97.3 | 98.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥400 | 8.2 | 63.0 | 78.3 | 88.2 | 96.5 | 97.3 | 98.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥300 | 8.2 | 63.0 | 78.3 | 88.2 | 96.5 | 97.3 | 98.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥200 | 8.2 | 63.0 | 78.3 | 88.2 | 96.5 | 97.3 | 98.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥100 | 8.2 | 63.0 | 78.3 | 88.2 | 96.5 | 97.3 | 98.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 637

CEILING VERSUS VISIBILITY

73-51

12-2-2422

TOTAL NUMBER OF OBSERVATIONS 837

AFRICAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

407 FT CAMPBELL KY STATION NAME

73-61

407

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 |
| 1000 | 7.3 | 48.4 | 57.3 | 64.0 | 65.7 | 66.4 | 66.9 | 67.5 | 68.1 | 68.2 | 68.7 | 69.1 | 69.7 | 69.7 | 69.7 | 69.7 |
| 900 | 3.1 | 52.9 | 65.2 | 73.7 | 76.3 | 77.2 | 78.1 | 78.7 | 79.3 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| 800 | 0.1 | 52.9 | 65.2 | 73.7 | 76.3 | 77.2 | 78.1 | 78.7 | 79.3 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| 700 | 0.1 | 52.9 | 65.2 | 73.7 | 76.3 | 77.2 | 78.1 | 78.7 | 79.3 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| 600 | 4.7 | 53.8 | 65.2 | 74.9 | 77.5 | 78.4 | 79.3 | 79.9 | 80.5 | 81.6 | 82.6 | 83.6 | 84.6 | 85.6 | 86.6 | 87.6 |
| 500 | 0.1 | 54.8 | 65.2 | 76.2 | 79.1 | 79.9 | 80.9 | 81.9 | 82.9 | 83.9 | 84.9 | 85.9 | 86.9 | 87.9 | 88.9 | 89.9 |
| 400 | 0.3 | 55.5 | 71.4 | 79.2 | 81.8 | 82.7 | 83.6 | 84.2 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| 300 | 0.3 | 55.6 | 71.4 | 79.2 | 82.2 | 83.2 | 84.2 | 84.9 | 85.7 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| 200 | 0.3 | 55.5 | 71.9 | 81.1 | 85.3 | 86.1 | 87.3 | 88.1 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| 100 | 0.1 | 55.9 | 73.4 | 82.8 | 86.7 | 87.1 | 88.4 | 89.1 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 50 | 0.1 | 55.9 | 73.4 | 82.8 | 86.7 | 87.1 | 88.4 | 89.1 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 25 | 0.1 | 55.9 | 73.4 | 82.8 | 86.7 | 87.1 | 88.4 | 89.1 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 10 | 0.1 | 55.9 | 73.4 | 82.8 | 86.7 | 87.1 | 88.4 | 89.1 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 5 | 0.1 | 55.9 | 73.4 | 82.8 | 86.7 | 87.1 | 88.4 | 89.1 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 2 | 1.1 | 60.9 | 75.9 | 86.6 | 90.7 | 91.2 | 92.6 | 93.3 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| 1 | 1.1 | 61.1 | 75.9 | 87.1 | 91.4 | 91.6 | 93.1 | 93.8 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| 0.5 | 10.1 | 62.1 | 77.5 | 88.9 | 92.4 | 93.5 | 95.1 | 95.7 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| 0.25 | 10.2 | 62.7 | 78.9 | 90.6 | 94.1 | 95.3 | 96.9 | 97.6 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 0.1 | 1.2 | 63.1 | 79.2 | 91.3 | 95.0 | 96.2 | 97.7 | 98.4 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 0.05 | 1.2 | 63.1 | 79.2 | 91.3 | 95.0 | 96.2 | 97.7 | 98.4 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 0.025 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.01 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.005 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.0025 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.001 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.0005 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.00025 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.0001 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.00005 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.000025 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.00001 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.000005 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.0000025 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.000001 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.0000005 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.00000025 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.0000001 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.00000005 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.000000025 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.00000001 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.000000005 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.0000000025 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.000000001 | 10.2 | 63.2 | 79.3 | 91.4 | 95.3 | 96.5 | 98.1 | 98.8 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 307

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

1967 FT CAMPBELL KY

70-31

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-2300

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 100 | 1.1 | 40.7 | 59.7 | 69.4 | 72.7 | 73.4 | 74.7 | 74.8 | 75.1 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| 200 | 6.9 | 61.0 | 64.6 | 74.7 | 73.1 | 79.5 | 87.2 | 91.1 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| 300 | 6.2 | 61.3 | 64.9 | 74.9 | 73.4 | 79.7 | 87.4 | 91.2 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| 400 | 6.3 | 61.3 | 64.9 | 74.9 | 73.4 | 79.7 | 87.4 | 91.2 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| 500 | 6.1 | 61.6 | 65.2 | 75.4 | 73.9 | 81.2 | 87.9 | 91.7 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 600 | 6.2 | 62.1 | 65.6 | 76.3 | 79.7 | 81.2 | 91.7 | 92.6 | 93.1 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| 700 | 6.1 | 62.2 | 77.4 | 81.3 | 84.7 | 86.0 | 96.7 | 97.6 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 800 | 6.1 | 63.3 | 77.5 | 81.1 | 84.8 | 86.1 | 96.9 | 97.7 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 900 | 6.1 | 67.9 | 77.4 | 82.2 | 85.6 | 88.2 | 98.9 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1000 | 6.1 | 66.1 | 77.3 | 84.1 | 87.7 | 89.1 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1200 | 6.2 | 66.2 | 77.9 | 84.1 | 87.8 | 89.1 | 99.8 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1400 | 6.2 | 66.2 | 77.5 | 84.7 | 87.4 | 89.7 | 99.4 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 1600 | 6.2 | 65.9 | 77.6 | 84.8 | 88.5 | 89.8 | 99.6 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1800 | 6.2 | 65.9 | 75.1 | 86.9 | 87.9 | 92.7 | 92.7 | 93.5 | 94.1 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| 2000 | 6.5 | 69.9 | 75.5 | 87.5 | 91.4 | 92.7 | 97.4 | 98.3 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 2200 | 6.5 | 61.1 | 73.9 | 98.9 | 92.8 | 94.1 | 94.9 | 95.7 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| 2400 | 6.5 | 61.3 | 77.1 | 89.2 | 93.8 | 95.1 | 95.9 | 96.6 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 2600 | 6.5 | 61.4 | 77.3 | 89.7 | 94.5 | 95.8 | 96.7 | 97.5 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 2800 | 6.5 | 61.4 | 77.3 | 89.6 | 94.6 | 95.9 | 96.8 | 97.7 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 3000 | 6.5 | 61.5 | 77.4 | 90.3 | 94.7 | 96.1 | 96.9 | 97.6 | 98.3 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 3200 | 6.1 | 61.5 | 77.5 | 90.1 | 94.9 | 96.2 | 97.0 | 98.3 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 3400 | 6.5 | 61.6 | 77.7 | 91.2 | 95.7 | 96.3 | 97.3 | 98.2 | 98.7 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 3600 | 6.5 | 61.9 | 77.9 | 91.4 | 95.2 | 96.5 | 97.5 | 98.4 | 98.9 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 3800 | 6.5 | 61.9 | 77.9 | 90.4 | 95.2 | 96.5 | 97.5 | 98.4 | 98.9 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 4000 | 6.5 | 61.9 | 77.9 | 90.4 | 95.3 | 96.7 | 97.6 | 98.7 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4200 | 6.5 | 61.9 | 77.9 | 90.4 | 95.3 | 96.7 | 97.6 | 98.7 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4400 | 6.5 | 61.9 | 77.9 | 90.4 | 95.3 | 96.7 | 97.6 | 98.7 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4600 | 6.5 | 61.9 | 77.9 | 90.4 | 95.3 | 96.7 | 97.6 | 98.7 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4800 | 6.5 | 61.9 | 77.9 | 90.4 | 95.3 | 96.7 | 97.6 | 98.7 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 5000 | 6.5 | 61.9 | 77.9 | 90.4 | 95.3 | 96.7 | 97.6 | 98.7 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

GENERAL CLIMATOLOGY BRANCH
AFCE/TAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME FT CAMPBELL KY

73-01

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| ELEVATION FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 210 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 21000 | 3.0 | 39.4 | 44.6 | 59.4 | 65.4 | 68.1 | 71.9 | 73.2 | 73.4 | 73.6 | 73.6 | 73.7 | 74.2 | 74.3 | 74.3 | 74.7 |
| 20000 | 3.0 | 41.9 | 51.7 | 63.0 | 71.3 | 72.2 | 76.1 | 77.5 | 77.7 | 77.9 | 77.9 | 78.0 | 78.5 | 78.6 | 78.6 | 79.0 |
| 18000 | 3.0 | 41.9 | 51.7 | 63.0 | 71.3 | 72.2 | 76.1 | 77.5 | 77.7 | 77.9 | 77.9 | 78.0 | 78.5 | 78.6 | 78.6 | 79.0 |
| 16000 | 3.0 | 41.9 | 51.7 | 63.0 | 71.3 | 72.2 | 76.1 | 77.5 | 77.7 | 77.9 | 77.9 | 78.0 | 78.5 | 78.6 | 78.6 | 79.0 |
| 14000 | 3.0 | 42.1 | 52.1 | 63.4 | 71.0 | 72.9 | 76.8 | 78.3 | 78.4 | 78.6 | 78.6 | 78.7 | 79.2 | 79.3 | 79.3 | 79.7 |
| 12000 | 3.0 | 42.3 | 53.0 | 64.6 | 72.3 | 74.2 | 78.1 | 79.7 | 79.8 | 80.0 | 80.2 | 80.3 | 80.8 | 80.9 | 80.9 | 81.2 |
| 10000 | 3.0 | 44.9 | 56.9 | 71.3 | 78.5 | 81.8 | 84.7 | 86.4 | 86.5 | 86.7 | 86.9 | 87.0 | 87.5 | 87.6 | 87.6 | 87.9 |
| 8000 | 3.0 | 44.9 | 56.9 | 71.3 | 78.5 | 81.8 | 84.7 | 86.4 | 86.5 | 86.7 | 86.9 | 87.0 | 87.5 | 87.6 | 87.6 | 87.9 |
| 6000 | 4.3 | 47.0 | 57.1 | 73.0 | 81.2 | 83.5 | 87.6 | 89.2 | 89.5 | 89.7 | 89.7 | 90.1 | 91.6 | 91.8 | 91.8 | 91.9 |
| 4000 | 4.3 | 47.3 | 61.0 | 73.8 | 82.1 | 84.3 | 88.4 | 90.1 | 90.3 | 90.6 | 90.6 | 91.0 | 91.4 | 91.4 | 91.6 | 91.6 |
| 2000 | 4.3 | 47.3 | 61.0 | 74.1 | 82.3 | 84.6 | 88.6 | 90.3 | 90.6 | 90.8 | 91.0 | 91.2 | 91.6 | 91.9 | 91.9 | 92.2 |
| 1000 | 4.3 | 47.4 | 61.5 | 74.4 | 82.7 | 84.9 | 89.1 | 90.6 | 91.0 | 91.3 | 91.5 | 91.6 | 92.1 | 92.4 | 92.4 | 92.7 |
| 800 | 4.3 | 47.4 | 61.5 | 74.4 | 82.7 | 84.9 | 89.1 | 90.6 | 91.0 | 91.3 | 91.5 | 91.6 | 92.1 | 92.4 | 92.4 | 92.7 |
| 600 | 4.3 | 47.4 | 61.5 | 74.4 | 82.7 | 84.9 | 89.1 | 90.6 | 91.0 | 91.3 | 91.5 | 91.6 | 92.1 | 92.4 | 92.4 | 92.7 |
| 400 | 4.3 | 47.4 | 61.5 | 74.4 | 82.7 | 84.9 | 89.1 | 90.6 | 91.0 | 91.3 | 91.5 | 91.6 | 92.1 | 92.4 | 92.4 | 92.7 |
| 200 | 4.3 | 47.4 | 61.5 | 74.4 | 82.7 | 84.9 | 89.1 | 90.6 | 91.0 | 91.3 | 91.5 | 91.6 | 92.1 | 92.4 | 92.4 | 92.7 |
| 100 | 4.3 | 47.4 | 61.5 | 74.4 | 82.7 | 84.9 | 89.1 | 90.6 | 91.0 | 91.3 | 91.5 | 91.6 | 92.1 | 92.4 | 92.4 | 92.7 |
| 80 | 4.3 | 47.4 | 61.5 | 74.4 | 82.7 | 84.9 | 89.1 | 90.6 | 91.0 | 91.3 | 91.5 | 91.6 | 92.1 | 92.4 | 92.4 | 92.7 |
| 60 | 4.3 | 47.4 | 61.5 | 74.4 | 82.7 | 84.9 | 89.1 | 90.6 | 91.0 | 91.3 | 91.5 | 91.6 | 92.1 | 92.4 | 92.4 | 92.7 |
| 40 | 4.3 | 47.4 | 61.5 | 74.4 | 82.7 | 84.9 | 89.1 | 90.6 | 91.0 | 91.3 | 91.5 | 91.6 | 92.1 | 92.4 | 92.4 | 92.7 |
| 20 | 4.3 | 47.4 | 61.5 | 74.4 | 82.7 | 84.9 | 89.1 | 90.6 | 91.0 | 91.3 | 91.5 | 91.6 | 92.1 | 92.4 | 92.4 | 92.7 |
| 10 | 4.3 | 47.4 | 61.5 | 74.4 | 82.7 | 84.9 | 89.1 | 90.6 | 91.0 | 91.3 | 91.5 | 91.6 | 92.1 | 92.4 | 92.4 | 92.7 |
| 8 | 4.3 | 47.4 | 61.5 | 74.4 | 82.7 | 84.9 | 89.1 | 90.6 | 91.0 | 91.3 | 91.5 | 91.6 | 92.1 | 92.4 | 92.4 | 92.7 |
| 6 | 4.3 | 47.4 | 61.5 | 74.4 | 82.7 | 84.9 | 89.1 | 90.6 | 91.0 | 91.3 | 91.5 | 91.6 | 92.1 | 92.4 | 92.4 | 92.7 |
| 4 | 4.3 | 47.4 | 61.5 | 74.4 | 82.7 | 84.9 | 89.1 | 90.6 | 91.0 | 91.3 | 91.5 | 91.6 | 92.1 | 92.4 | 92.4 | 92.7 |
| 2 | 4.3 | 47.4 | 61.5 | 74.4 | 82.7 | 84.9 | 89.1 | 90.6 | 91.0 | 91.3 | 91.5 | 91.6 | 92.1 | 92.4 | 92.4 | 92.7 |
| 1 | 4.3 | 47.4 | 61.5 | 74.4 | 82.7 | 84.9 | 89.1 | 90.6 | 91.0 | 91.3 | 91.5 | 91.6 | 92.1 | 92.4 | 92.4 | 92.7 |

TOTAL NUMBER OF OBSERVATIONS 637

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1467 FT CAMPBELL KY

73-51

4

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

73-7500

| ELEVATION FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 210 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 10000 | 1.3 | 25.2 | 37.5 | 39.9 | 51.4 | 53.6 | 58.9 | 63.4 | 64.3 | 66.2 | 67.3 | 67.3 | 69.5 | 68.9 | 69.5 | 71.3 |
| 9000 | 2.1 | 28.1 | 36.3 | 44.3 | 55.1 | 58.7 | 64.3 | 66.9 | 69.8 | 71.7 | 72.8 | 72.8 | 74.2 | 74.4 | 75.1 | 75.6 |
| 8000 | 2.1 | 28.0 | 36.3 | 44.3 | 55.2 | 58.8 | 64.4 | 65.1 | 69.9 | 71.6 | 72.9 | 72.9 | 74.1 | 74.6 | 75.3 | 76.1 |
| 7000 | 2.3 | 28.2 | 36.3 | 44.3 | 55.2 | 58.8 | 64.4 | 69.1 | 69.9 | 71.6 | 72.9 | 72.9 | 74.1 | 74.6 | 75.3 | 76.1 |
| 6000 | 2.1 | 28.7 | 36.3 | 44.4 | 55.6 | 59.1 | 64.8 | 69.4 | 70.3 | 72.2 | 73.2 | 73.2 | 74.4 | 74.9 | 75.6 | 76.3 |
| 5000 | 2.1 | 28.2 | 36.3 | 45.3 | 56.5 | 61.2 | 65.8 | 70.5 | 71.7 | 73.2 | 74.3 | 74.3 | 75.5 | 76.2 | 76.7 | 77.4 |
| 4000 | 2.4 | 31.1 | 41.4 | 51.2 | 62.6 | 66.7 | 72.4 | 77.3 | 79.1 | 81.2 | 81.4 | 81.4 | 82.6 | 83.7 | 83.8 | 84.5 |
| 3000 | 2.4 | 31.2 | 42.4 | 52.5 | 63.0 | 67.0 | 72.8 | 77.7 | 78.5 | 81.5 | 81.7 | 81.7 | 82.9 | 83.4 | 84.1 | 84.2 |
| 2000 | 2.5 | 32.9 | 42.4 | 52.7 | 65.5 | 69.7 | 75.6 | 80.6 | 81.5 | 83.5 | 84.7 | 84.7 | 85.9 | 86.4 | 87.1 | 87.7 |
| 1000 | 2.4 | 33.3 | 43.1 | 53.6 | 66.5 | 71.7 | 76.7 | 81.7 | 82.6 | 84.6 | 85.8 | 85.8 | 87.7 | 87.5 | 88.2 | 89.1 |
| 500 | 2.5 | 33.6 | 43.2 | 53.9 | 66.9 | 71.1 | 77.1 | 82.1 | 82.9 | 84.9 | 86.1 | 86.1 | 87.3 | 87.6 | 88.5 | 89.4 |
| 0 | 2.5 | 33.9 | 43.7 | 54.5 | 67.6 | 71.8 | 77.9 | 83.1 | 83.9 | 85.9 | 87.1 | 87.1 | 88.3 | 88.6 | 89.5 | 90.2 |
| 10000 | 2.4 | 33.9 | 43.7 | 54.5 | 67.6 | 71.8 | 77.9 | 83.1 | 83.9 | 85.9 | 87.1 | 87.1 | 88.3 | 88.6 | 89.5 | 90.2 |
| 9000 | 2.4 | 35.1 | 44.9 | 55.7 | 68.8 | 73.0 | 79.1 | 84.2 | 85.1 | 87.2 | 88.4 | 88.4 | 89.6 | 89.9 | 90.9 | 91.2 |
| 8000 | 2.5 | 35.1 | 44.9 | 55.7 | 68.8 | 73.1 | 79.3 | 84.5 | 85.7 | 87.5 | 88.6 | 88.6 | 89.8 | 90.3 | 91.7 | 92.1 |
| 7000 | 2.5 | 35.1 | 45.1 | 55.9 | 69.3 | 73.6 | 79.8 | 84.9 | 85.9 | 88.1 | 89.2 | 89.2 | 90.6 | 91.2 | 91.9 | 92.7 |
| 6000 | 2.5 | 35.4 | 45.5 | 56.4 | 69.8 | 74.1 | 80.3 | 85.5 | 86.4 | 88.6 | 89.6 | 89.6 | 91.2 | 91.7 | 92.4 | 93.3 |
| 5000 | 2.5 | 35.6 | 45.8 | 56.6 | 70.0 | 74.3 | 80.8 | 86.0 | 86.9 | 89.1 | 90.3 | 90.3 | 91.6 | 92.1 | 92.9 | 93.2 |
| 4000 | 2.5 | 35.7 | 46.1 | 56.9 | 70.3 | 74.6 | 81.0 | 86.3 | 87.1 | 89.4 | 90.6 | 90.6 | 91.9 | 92.4 | 93.1 | 94.1 |
| 3000 | 2.5 | 35.8 | 46.1 | 57.3 | 70.5 | 74.8 | 81.4 | 86.6 | 87.5 | 89.8 | 91.0 | 91.0 | 92.4 | 92.8 | 93.5 | 94.5 |
| 2000 | 2.5 | 36.1 | 46.5 | 57.5 | 71.7 | 75.3 | 81.8 | 87.1 | 87.9 | 90.3 | 91.5 | 91.5 | 92.8 | 93.3 | 94.0 | 95.0 |
| 1000 | 2.5 | 36.0 | 46.5 | 57.7 | 71.2 | 75.5 | 82.1 | 87.3 | 88.2 | 90.6 | 91.9 | 91.9 | 93.2 | 93.7 | 94.4 | 95.3 |
| 500 | 2.5 | 36.1 | 46.6 | 57.8 | 71.3 | 75.6 | 82.3 | 87.6 | 88.4 | 90.8 | 92.1 | 92.1 | 93.4 | 93.9 | 94.6 | 95.6 |
| 0 | 2.5 | 36.3 | 46.9 | 58.2 | 71.8 | 76.2 | 82.9 | 88.2 | 89.0 | 91.4 | 92.7 | 92.7 | 94.0 | 94.5 | 95.2 | 96.2 |
| 10000 | 2.5 | 36.3 | 46.8 | 58.2 | 72.2 | 76.6 | 83.3 | 88.5 | 89.4 | 91.8 | 93.1 | 93.1 | 94.4 | 94.9 | 95.6 | 96.5 |
| 9000 | 2.5 | 36.6 | 47.1 | 58.5 | 72.5 | 76.9 | 83.8 | 89.1 | 89.9 | 92.2 | 93.5 | 93.5 | 94.9 | 95.3 | 96.1 | 97.1 |
| 8000 | 2.5 | 36.7 | 47.2 | 58.7 | 72.9 | 77.3 | 84.5 | 89.7 | 90.6 | 93.0 | 94.3 | 94.3 | 95.6 | 96.1 | 96.9 | 97.8 |
| 7000 | 2.5 | 36.7 | 47.2 | 58.8 | 73.2 | 77.8 | 84.9 | 90.2 | 91.0 | 93.7 | 95.0 | 95.0 | 96.3 | 96.8 | 97.6 | 98.6 |
| 6000 | 2.5 | 36.7 | 47.2 | 58.8 | 73.2 | 77.8 | 85.1 | 90.4 | 91.3 | 93.9 | 95.2 | 95.2 | 96.5 | 97.0 | 97.8 | 98.9 |
| 5000 | 2.5 | 36.7 | 47.2 | 58.8 | 73.2 | 77.8 | 85.1 | 90.4 | 91.3 | 93.9 | 95.2 | 95.2 | 96.5 | 97.0 | 97.8 | 99.3 |
| 4000 | 2.5 | 36.7 | 47.2 | 58.8 | 73.2 | 77.8 | 85.3 | 90.7 | 91.5 | 94.1 | 95.5 | 95.5 | 96.8 | 97.4 | 98.4 | 100.0 |
| 3000 | 2.5 | 36.7 | 47.2 | 58.8 | 73.2 | 77.8 | 85.3 | 90.7 | 91.5 | 94.1 | 95.5 | 95.5 | 96.8 | 97.4 | 98.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 637

U. S. AIR FORCE
CLIMATE BRANCH
STATION
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1447. FT CAMPBELL KY

73-31

1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1973-1974

| ELEVATION FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 210 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 10000 | 1.4 | 22.3 | 37.2 | 37.3 | 46.1 | 51.1 | 54.4 | 55.8 | 57.5 | 58.8 | 60.7 | 60.5 | 61.6 | 61.9 | 62.4 | 62.5 |
| 9000 | 1.4 | 25.4 | 34.6 | 42.3 | 51.6 | 56.0 | 67.3 | 62.0 | 63.0 | 65.2 | 66.7 | 66.9 | 68.1 | 68.5 | 69.1 | 69.3 |
| 8000 | 1.4 | 25.4 | 34.6 | 42.3 | 51.6 | 56.0 | 67.3 | 62.0 | 63.0 | 65.2 | 66.7 | 66.9 | 68.1 | 68.5 | 69.1 | 69.3 |
| 7000 | 1.5 | 25.4 | 34.6 | 42.3 | 51.6 | 56.0 | 67.3 | 62.0 | 63.0 | 65.2 | 66.7 | 66.9 | 68.1 | 68.5 | 69.1 | 69.3 |
| 6000 | 1.5 | 25.9 | 35.1 | 42.8 | 52.6 | 57.1 | 61.4 | 63.3 | 65.2 | 66.5 | 68.0 | 68.2 | 69.4 | 69.8 | 70.4 | 70.6 |
| 5000 | 1.5 | 26.2 | 35.6 | 44.1 | 54.1 | 58.5 | 63.2 | 65.1 | 67.1 | 68.3 | 69.8 | 70.1 | 71.2 | 71.6 | 72.2 | 72.4 |
| 4000 | 1.7 | 29.3 | 39.4 | 48.6 | 59.3 | 63.7 | 68.5 | 71.4 | 72.7 | 73.6 | 75.3 | 75.5 | 76.8 | 77.2 | 77.9 | 78.1 |
| 3000 | 1.7 | 29.7 | 47.0 | 49.3 | 60.0 | 64.4 | 69.2 | 71.1 | 73.0 | 74.3 | 76.1 | 76.2 | 77.5 | 77.9 | 78.5 | 78.7 |
| 2000 | 1.7 | 31.2 | 42.5 | 52.3 | 63.7 | 67.7 | 72.9 | 75.1 | 77.1 | 78.4 | 80.0 | 80.3 | 81.6 | 82.1 | 82.6 | 82.8 |
| 1000 | 1.9 | 31.9 | 43.5 | 53.4 | 64.4 | 68.9 | 74.2 | 76.7 | 78.6 | 79.9 | 81.6 | 81.8 | 83.2 | 83.5 | 84.1 | 84.3 |
| 500 | 1.9 | 32.3 | 44.1 | 54.1 | 65.7 | 69.5 | 74.8 | 77.3 | 79.2 | 81.5 | 82.2 | 82.4 | 83.8 | 84.1 | 84.7 | 84.9 |
| 0 | 2.2 | 32.5 | 44.6 | 55.1 | 66.1 | 70.0 | 75.9 | 78.4 | 80.7 | 81.6 | 83.3 | 83.5 | 84.8 | 85.2 | 85.8 | 86.1 |
| 210 | 2.2 | 33.1 | 45.6 | 56.4 | 67.9 | 72.6 | 77.9 | 80.4 | 82.7 | 83.6 | 85.4 | 85.7 | 87.2 | 87.3 | 87.9 | 88.2 |
| 20 | 2.2 | 33.1 | 45.6 | 56.4 | 68.2 | 73.1 | 78.3 | 81.1 | 83.1 | 84.3 | 86.1 | 86.4 | 87.7 | 88.1 | 88.6 | 88.9 |
| 25 | 2.2 | 33.3 | 46.1 | 57.2 | 69.2 | 74.1 | 79.3 | 82.1 | 84.1 | 85.4 | 87.2 | 87.5 | 88.9 | 89.2 | 89.8 | 90.1 |
| 30 | 2.2 | 33.3 | 46.1 | 57.3 | 69.3 | 74.2 | 79.5 | 82.2 | 84.2 | 85.5 | 87.3 | 87.6 | 89.1 | 89.4 | 89.9 | 90.2 |
| 35 | 2.2 | 33.7 | 47.1 | 58.3 | 70.4 | 75.3 | 80.6 | 83.5 | 85.5 | 86.9 | 88.6 | 88.9 | 90.3 | 90.7 | 91.3 | 91.6 |
| 40 | 2.2 | 33.7 | 47.1 | 58.3 | 70.4 | 75.3 | 80.6 | 83.5 | 85.5 | 86.9 | 88.6 | 88.9 | 90.3 | 90.7 | 91.3 | 91.6 |
| 45 | 2.2 | 33.8 | 47.3 | 58.8 | 70.8 | 75.9 | 81.4 | 84.2 | 86.3 | 87.6 | 89.5 | 89.7 | 91.2 | 91.5 | 92.1 | 92.4 |
| 50 | 2.2 | 34.4 | 47.1 | 59.6 | 71.7 | 76.8 | 82.3 | 85.2 | 87.2 | 88.5 | 90.6 | 90.8 | 92.2 | 92.6 | 93.2 | 93.4 |
| 55 | 2.2 | 34.5 | 48.6 | 60.1 | 72.3 | 77.4 | 83.0 | 85.9 | 87.9 | 89.2 | 91.3 | 91.5 | 93.1 | 93.3 | 93.9 | 94.1 |
| 60 | 2.2 | 34.6 | 48.7 | 60.2 | 72.4 | 77.5 | 83.2 | 86.0 | 88.1 | 89.4 | 91.4 | 91.6 | 93.1 | 93.4 | 94.0 | 94.3 |
| 65 | 2.2 | 34.8 | 48.9 | 60.3 | 72.6 | 77.8 | 83.4 | 86.4 | 88.4 | 89.7 | 91.8 | 92.0 | 93.4 | 93.8 | 94.4 | 94.6 |
| 70 | 2.2 | 34.8 | 48.9 | 60.3 | 72.6 | 77.8 | 83.4 | 86.4 | 88.4 | 89.7 | 91.8 | 92.0 | 93.4 | 93.8 | 94.4 | 94.6 |
| 75 | 2.2 | 35.0 | 49.1 | 60.9 | 73.4 | 78.6 | 84.3 | 87.8 | 89.8 | 91.2 | 93.2 | 93.4 | 95.0 | 95.3 | 95.9 | 96.2 |
| 80 | 2.2 | 35.1 | 49.3 | 61.2 | 73.7 | 79.0 | 85.1 | 89.0 | 91.0 | 92.4 | 94.4 | 94.6 | 96.2 | 96.5 | 97.1 | 97.4 |
| 85 | 2.2 | 35.2 | 49.5 | 61.3 | 74.0 | 79.2 | 85.4 | 89.5 | 92.0 | 93.3 | 95.3 | 95.6 | 97.1 | 97.5 | 98.2 | 98.4 |
| 90 | 2.2 | 35.2 | 49.5 | 61.4 | 74.1 | 79.3 | 85.5 | 89.7 | 92.4 | 93.7 | 95.9 | 96.2 | 97.8 | 98.2 | 98.9 | 99.2 |
| 95 | 2.2 | 35.2 | 49.5 | 61.4 | 74.1 | 79.3 | 85.7 | 89.8 | 92.6 | 93.9 | 96.3 | 96.5 | 98.4 | 98.7 | 99.4 | 99.6 |
| 100 | 2.2 | 35.2 | 49.5 | 61.4 | 74.1 | 79.3 | 85.7 | 89.8 | 92.6 | 93.9 | 96.3 | 96.5 | 98.4 | 98.7 | 99.4 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 837

CENTRAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7467 FT CAMPBELL KY

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1102-1122

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 7000 | 4.3 | 33.1 | 44.7 | 55.1 | 58.3 | 58.8 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| 6000 | 5.1 | 44.1 | 53.5 | 62.2 | 65.8 | 66.3 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| 5000 | 5.1 | 44.1 | 53.5 | 62.4 | 65.9 | 66.4 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| 4000 | 5.1 | 44.8 | 54.5 | 63.3 | 67.7 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| 3000 | 5.1 | 45.6 | 55.6 | 64.6 | 68.3 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| 2000 | 5.1 | 50.4 | 61.2 | 71.1 | 74.9 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| 1800 | 5.1 | 51.5 | 61.4 | 71.6 | 75.5 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 1600 | 5.4 | 53.2 | 64.5 | 75.4 | 79.7 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| 1400 | 5.4 | 53.3 | 64.8 | 75.6 | 80.7 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| 1200 | 5.4 | 53.4 | 65.0 | 76.0 | 80.4 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| 1000 | 5.4 | 54.0 | 65.6 | 76.6 | 81.2 | 81.8 | 81.8 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| 800 | 5.4 | 54.1 | 65.7 | 76.8 | 81.2 | 81.1 | 81.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| 600 | 5.3 | 54.7 | 66.9 | 78.4 | 82.8 | 83.6 | 83.6 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| 400 | 5.7 | 54.8 | 67.1 | 78.5 | 82.9 | 83.8 | 83.8 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 200 | 5.5 | 57.3 | 69.5 | 81.2 | 85.9 | 86.7 | 86.7 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| 100 | 5.5 | 58.5 | 70.8 | 82.6 | 87.3 | 88.2 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| 50 | 5.4 | 59.1 | 71.4 | 83.3 | 88.1 | 89.1 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| 25 | 5.6 | 59.1 | 71.4 | 83.3 | 88.1 | 89.1 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| 12.5 | 5.7 | 60.1 | 72.6 | 84.9 | 89.7 | 90.8 | 91.7 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| 6.25 | 6.1 | 61.1 | 73.7 | 86.3 | 91.4 | 92.7 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| 3.125 | 6.1 | 61.8 | 74.9 | 87.7 | 93.1 | 94.6 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| 1.5625 | 6.1 | 61.9 | 75.5 | 88.2 | 94.1 | 95.6 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| 0.78125 | 6.1 | 62.1 | 75.7 | 88.9 | 94.4 | 95.9 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| 0.390625 | 6.1 | 62.4 | 76.1 | 89.4 | 95.0 | 96.5 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 0.1953125 | 6.1 | 62.4 | 76.3 | 89.7 | 95.7 | 97.3 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 0.09765625 | 6.1 | 62.5 | 76.7 | 90.1 | 96.3 | 97.8 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.048828125 | 6.1 | 62.5 | 76.7 | 90.1 | 96.4 | 98.1 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 0.0244140625 | 6.1 | 62.5 | 76.7 | 90.1 | 96.4 | 98.0 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 0.01220703125 | 6.1 | 62.5 | 76.7 | 90.1 | 96.4 | 98.1 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 637

CENTRAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1967

FT CAMPBELL KY

73-81

AC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1950-1966

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 1000 | 5.7 | 42.1 | 47.9 | 55.0 | 54.6 | 55.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| 900 | 5.3 | 51.9 | 60.0 | 66.2 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 800 | 5.3 | 52.2 | 61.9 | 66.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| 700 | 5.3 | 52.2 | 61.9 | 66.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| 600 | 6.3 | 53.3 | 67.0 | 67.0 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| 500 | 6.3 | 54.8 | 63.6 | 69.2 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| 400 | 6.3 | 53.3 | 67.9 | 73.0 | 74.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| 300 | 6.3 | 53.4 | 68.1 | 74.4 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| 200 | 6.7 | 59.4 | 69.3 | 76.5 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| 100 | 6.7 | 60.3 | 70.7 | 77.9 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| 50 | 6.7 | 60.5 | 71.8 | 78.0 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| 25 | 6.7 | 61.9 | 71.6 | 78.7 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| 10 | 7.1 | 61.2 | 71.4 | 79.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| 5 | 7.3 | 63.0 | 74.3 | 81.6 | 84.3 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| 2 | 7.3 | 63.4 | 74.9 | 82.6 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| 1 | 7.4 | 66.3 | 80.5 | 88.5 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| 0.5 | 7.4 | 69.2 | 81.5 | 91.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| 0.25 | 7.4 | 71.0 | 82.8 | 91.4 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| 0.1 | 7.4 | 70.1 | 82.9 | 91.5 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| 0.05 | 7.5 | 71.1 | 84.1 | 93.3 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| 0.025 | 7.5 | 71.7 | 85.1 | 94.4 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 0.01 | 7.6 | 72.2 | 85.7 | 95.0 | 98.9 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 0.005 | 7.5 | 72.3 | 85.8 | 95.1 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 0.0025 | 7.5 | 72.3 | 85.8 | 95.2 | 99.2 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 0.001 | 7.6 | 72.4 | 85.9 | 95.3 | 99.3 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.0005 | 7.6 | 72.5 | 86.1 | 95.6 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.00025 | 7.6 | 72.5 | 86.1 | 95.6 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0001 | 7.6 | 72.5 | 86.1 | 95.6 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.00005 | 7.6 | 72.5 | 86.1 | 95.6 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.000025 | 7.6 | 72.5 | 86.1 | 95.6 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.00001 | 7.6 | 72.5 | 86.1 | 95.6 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 637

CLIMATE CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION: FT CAMPBELL KY

75-31

AN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

10-2-1966

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 20 | 25 | 24 | 23 | 22 | 22 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 25 | 20 |
| 1000 | 6.7 | 46.1 | 54.1 | 59.1 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| 800 | 6.7 | 55.9 | 64.2 | 70.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 600 | 6.7 | 56.2 | 64.4 | 71.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| 400 | 6.7 | 56.2 | 64.4 | 71.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| 200 | 6.7 | 57.3 | 65.6 | 71.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| 100 | 6.7 | 57.8 | 66.2 | 72.5 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| 80 | 7.3 | 62.4 | 71.8 | 78.6 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| 60 | 7.3 | 62.5 | 71.9 | 78.7 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| 40 | 7.8 | 64.9 | 74.7 | 82.3 | 85.5 | 85.5 | 85.5 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| 20 | 7.3 | 65.5 | 75.6 | 83.4 | 86.6 | 86.6 | 86.6 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 10 | 7.3 | 65.9 | 76.2 | 84.1 | 87.2 | 87.3 | 87.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| 5 | 7.3 | 66.3 | 77.2 | 85.3 | 88.5 | 88.6 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| 2 | 7.3 | 66.3 | 77.2 | 85.3 | 88.6 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| 1 | 8.1 | 67.6 | 79.1 | 87.2 | 90.7 | 90.8 | 91.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.4 | 91.4 |
| 0.5 | 8.1 | 68.5 | 79.8 | 88.3 | 91.9 | 91.9 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.6 | 92.6 | 92.6 |
| 0.2 | 8.3 | 71.4 | 82.9 | 91.8 | 95.2 | 95.5 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.3 | 96.3 | 96.3 |
| 0.1 | 8.3 | 72.1 | 83.5 | 92.4 | 96.1 | 96.4 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.3 | 97.3 | 97.3 |
| 0.05 | 8.4 | 73.0 | 84.9 | 93.9 | 97.7 | 98.1 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 |
| 0.02 | 8.4 | 73.1 | 85.1 | 94.0 | 97.8 | 98.2 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 |
| 0.01 | 8.4 | 73.1 | 85.1 | 94.0 | 98.0 | 98.4 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 |
| 0.005 | 8.4 | 73.1 | 85.2 | 94.3 | 98.2 | 98.7 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| 0.002 | 8.4 | 73.1 | 85.2 | 94.3 | 98.2 | 98.7 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| 0.001 | 8.4 | 73.1 | 85.2 | 94.3 | 98.2 | 98.7 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| 0.0005 | 8.4 | 73.1 | 85.2 | 94.3 | 98.2 | 98.7 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| 0.0002 | 8.4 | 73.1 | 85.2 | 94.3 | 98.2 | 98.7 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| 0.0001 | 8.4 | 73.1 | 85.2 | 94.3 | 98.2 | 98.7 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| 0.00005 | 8.4 | 73.1 | 85.2 | 94.3 | 98.2 | 98.7 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| 0.00002 | 8.4 | 73.1 | 85.2 | 94.3 | 98.2 | 98.7 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| 0.00001 | 8.4 | 73.1 | 85.2 | 94.3 | 98.2 | 98.7 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| 0.000005 | 8.4 | 73.1 | 85.2 | 94.3 | 98.2 | 98.7 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| 0.000002 | 8.4 | 73.1 | 85.2 | 94.3 | 98.2 | 98.7 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| 0.000001 | 8.4 | 73.1 | 85.2 | 94.3 | 98.2 | 98.7 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 877

GENERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4.7.1 FT CAMPBELL KY
STATION NAME

73-01

AC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

12-1-1973

| | | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|----|---------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 |
| 1 | 1000 | 4.3 | 45.2 | 55.1 | 62.6 | 65.4 | 65.8 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| 2 | 900 | 4.4 | 53.8 | 63.9 | 71.7 | 75.5 | 76.1 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 |
| 3 | 800 | 4.4 | 53.8 | 63.9 | 71.7 | 75.5 | 76.1 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 |
| 4 | 700 | 4.4 | 54.5 | 64.6 | 72.6 | 75.5 | 77.1 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 |
| 5 | 600 | 4.4 | 55.2 | 65.4 | 73.5 | 77.7 | 79.3 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| 6 | 500 | 4.7 | 58.4 | 69.6 | 78.6 | 82.8 | 83.4 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 |
| 7 | 400 | 4.7 | 58.4 | 69.6 | 78.6 | 82.8 | 83.5 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 |
| 8 | 300 | 5.1 | 60.6 | 72.3 | 81.7 | 86.3 | 86.9 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 |
| 9 | 200 | 5.1 | 61.3 | 73.1 | 82.4 | 87.5 | 88.1 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 |
| 10 | 100 | 5.1 | 61.8 | 73.6 | 83.0 | 89.1 | 88.6 | 89.5 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 |
| 11 | 50 | 5.1 | 62.0 | 74.1 | 83.9 | 89.2 | 89.8 | 90.7 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 |
| 12 | 25 | 5.1 | 62.0 | 74.1 | 84.0 | 89.4 | 90.0 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.2 | 91.2 | 91.2 |
| 13 | 10 | 5.3 | 63.3 | 75.3 | 86.7 | 92.4 | 93.0 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 |
| 14 | 5 | 5.3 | 63.9 | 77.1 | 87.6 | 93.3 | 93.9 | 94.7 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 |
| 15 | 2 | 5.3 | 64.3 | 77.8 | 88.4 | 94.4 | 95.3 | 96.3 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 |
| 16 | 1 | 5.3 | 64.8 | 78.3 | 88.9 | 94.9 | 95.8 | 96.8 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 |
| 17 | 0.5 | 5.3 | 65.2 | 78.9 | 90.0 | 95.9 | 96.9 | 97.8 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 |
| 18 | 0.2 | 5.3 | 65.4 | 79.1 | 90.1 | 96.2 | 97.3 | 98.3 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| 19 | 0.1 | 5.3 | 65.4 | 79.1 | 90.1 | 96.2 | 97.3 | 98.3 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| 20 | 0.05 | 5.3 | 65.5 | 79.1 | 90.2 | 96.3 | 97.5 | 98.6 | 98.8 | 99.0 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| 21 | 0.02 | 5.3 | 65.5 | 79.1 | 90.2 | 96.3 | 97.5 | 98.6 | 98.8 | 99.0 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| 22 | 0.01 | 5.3 | 65.6 | 79.2 | 90.3 | 96.4 | 97.6 | 98.7 | 98.9 | 99.2 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| 23 | 0.005 | 5.3 | 65.7 | 79.3 | 90.4 | 96.5 | 97.7 | 98.8 | 99.0 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 24 | 0.002 | 5.3 | 65.7 | 79.3 | 90.4 | 96.5 | 97.7 | 98.8 | 99.0 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 25 | 0.001 | 5.3 | 65.7 | 79.3 | 90.4 | 96.7 | 97.8 | 99.0 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| 26 | 0.0005 | 5.3 | 65.7 | 79.3 | 90.4 | 96.7 | 97.8 | 99.0 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| 27 | 0.0002 | 5.3 | 65.7 | 79.3 | 90.4 | 96.7 | 97.8 | 99.0 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| 28 | 0.0001 | 5.3 | 65.7 | 79.3 | 90.4 | 96.7 | 97.8 | 99.0 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| 29 | 0.00005 | 5.3 | 65.7 | 79.3 | 90.4 | 96.7 | 97.8 | 99.0 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| 30 | 0.00002 | 5.3 | 65.7 | 79.3 | 90.4 | 96.7 | 97.8 | 99.0 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| 31 | 0.00001 | 5.3 | 65.7 | 79.3 | 90.4 | 96.7 | 97.8 | 99.0 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 637

JOINT CLIMATEOLOGY BRANCH
USAF ETAC
37th WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION FT CAMPBELL KY

75-31

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| | | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | | | |
|------|-----|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| | | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | | |
| 1000 | 2.7 | 37.9 | 44.5 | 54.2 | 59.7 | 61.6 | 62.5 | 63.5 | 63.8 | 64.5 | 64.6 | 64.7 | 65.2 | 65.1 | 65.7 | 66.2 | 66.2 | | |
| 900 | 4.1 | 43.7 | 53.1 | 61.4 | 66.2 | 68.4 | 71.4 | 71.4 | 71.8 | 72.3 | 72.6 | 72.6 | 73.2 | 73.1 | 73.7 | 73.9 | 73.9 | | |
| 800 | 4.1 | 43.8 | 53.2 | 61.5 | 67.7 | 66.5 | 70.5 | 71.5 | 71.9 | 72.4 | 72.7 | 72.7 | 73.1 | 73.2 | 73.4 | 73.4 | 73.4 | | |
| 700 | 4.1 | 43.8 | 53.2 | 61.5 | 67.7 | 66.5 | 70.5 | 71.5 | 71.9 | 72.4 | 72.7 | 72.7 | 73.1 | 73.2 | 73.4 | 73.4 | 73.4 | | |
| 600 | 4.1 | 44.4 | 53.6 | 62.2 | 67.9 | 69.4 | 71.4 | 72.5 | 72.8 | 73.3 | 73.6 | 73.7 | 74.0 | 74.2 | 74.7 | 74.7 | 74.7 | | |
| 500 | 4.1 | 45.2 | 54.7 | 63.4 | 69.2 | 71.8 | 72.8 | 73.9 | 74.3 | 74.7 | 75.1 | 75.1 | 75.5 | 75.6 | 75.8 | 75.8 | 75.8 | | |
| 400 | 4.3 | 46.4 | 55.1 | 68.5 | 74.8 | 76.4 | 78.5 | 79.6 | 81.1 | 81.4 | 81.8 | 81.9 | 81.3 | 81.4 | 81.5 | 81.7 | 81.7 | | |
| 300 | 4.3 | 46.5 | 55.1 | 68.9 | 75.1 | 76.8 | 78.9 | 80.0 | 80.3 | 80.8 | 81.2 | 81.2 | 81.6 | 81.7 | 81.9 | 82.1 | 82.1 | | |
| 200 | 4.7 | 51.4 | 61.5 | 71.6 | 73.2 | 74.9 | 82.1 | 83.3 | 83.7 | 84.2 | 84.5 | 84.6 | 85.7 | 85.1 | 85.3 | 85.3 | 85.3 | | |
| 100 | 4.7 | 51.9 | 62.2 | 72.7 | 79.2 | 81.9 | 83.1 | 84.3 | 84.7 | 85.2 | 85.5 | 85.6 | 86.7 | 86.2 | 86.3 | 86.5 | 86.5 | | |
| 000 | 4.7 | 51.1 | 62.6 | 73.0 | 79.5 | 81.3 | 83.5 | 84.7 | 85.1 | 85.6 | 86.1 | 86.1 | 86.4 | 86.5 | 86.7 | 86.7 | 86.7 | | |
| 1000 | 4.3 | 51.4 | 63.2 | 73.8 | 80.5 | 82.2 | 84.5 | 85.7 | 86.1 | 86.6 | 87.1 | 87.1 | 87.4 | 87.6 | 87.7 | 87.9 | 87.9 | | |
| 900 | 4.7 | 51.5 | 63.2 | 73.9 | 82.6 | 84.3 | 86.6 | 87.9 | 88.2 | 88.7 | 89.1 | 89.1 | 89.4 | 89.7 | 89.8 | 89.8 | 89.8 | | |
| 800 | 4.7 | 51.6 | 64.9 | 75.6 | 82.6 | 84.4 | 86.7 | 88.3 | 88.4 | 88.8 | 89.2 | 89.3 | 89.7 | 89.9 | 90.0 | 90.0 | 90.0 | | |
| 700 | 4.7 | 53.0 | 65.3 | 76.3 | 83.1 | 85.1 | 87.3 | 88.6 | 89.1 | 89.5 | 89.9 | 90.1 | 90.4 | 90.7 | 90.7 | 90.7 | 90.7 | | |
| 600 | 5.0 | 54.4 | 67.0 | 78.3 | 85.3 | 87.2 | 89.6 | 91.1 | 91.5 | 92.1 | 92.4 | 92.4 | 92.9 | 93.1 | 93.2 | 93.4 | 93.4 | | |
| 500 | 5.1 | 54.9 | 67.6 | 78.9 | 86.0 | 87.9 | 90.4 | 91.8 | 92.2 | 92.7 | 93.1 | 93.2 | 93.7 | 93.8 | 94.1 | 94.1 | 94.1 | | |
| 400 | 5.1 | 55.4 | 69.2 | 79.8 | 86.9 | 88.9 | 91.4 | 92.8 | 93.3 | 93.8 | 94.2 | 94.2 | 94.7 | 94.9 | 95.0 | 95.3 | 95.3 | | |
| 300 | 5.1 | 55.7 | 69.7 | 80.4 | 87.6 | 89.6 | 92.2 | 93.7 | 94.1 | 94.6 | 95.1 | 95.1 | 95.5 | 95.7 | 95.9 | 96.1 | 96.1 | | |
| 200 | 5.1 | 55.0 | 69.1 | 80.9 | 88.2 | 90.2 | 92.8 | 94.3 | 94.8 | 95.3 | 95.7 | 95.8 | 96.3 | 96.4 | 96.6 | 96.8 | 96.8 | | |
| 100 | 5.1 | 55.2 | 69.4 | 81.3 | 88.7 | 90.8 | 93.3 | 94.9 | 95.3 | 95.8 | 96.3 | 96.4 | 96.9 | 97.1 | 97.2 | 97.4 | 97.4 | | |
| 000 | 5.1 | 55.3 | 69.5 | 81.5 | 88.8 | 91.9 | 93.5 | 95.1 | 95.1 | 96.0 | 96.5 | 96.6 | 97.1 | 97.2 | 97.4 | 97.6 | 97.6 | | |
| 1000 | 5.1 | 55.4 | 69.7 | 81.6 | 89.1 | 91.2 | 93.8 | 95.4 | 95.8 | 96.4 | 96.8 | 96.9 | 97.4 | 97.5 | 97.7 | 97.9 | 97.9 | | |
| 900 | 5.1 | 55.5 | 69.8 | 81.8 | 89.3 | 91.4 | 94.1 | 95.7 | 96.1 | 96.6 | 97.1 | 97.2 | 97.7 | 97.8 | 98.1 | 98.2 | 98.2 | | |
| 800 | 5.1 | 55.6 | 70.0 | 82.0 | 89.6 | 91.8 | 94.6 | 96.2 | 96.7 | 97.2 | 97.7 | 97.8 | 98.3 | 98.4 | 98.6 | 98.8 | 98.8 | | |
| 700 | 5.1 | 55.7 | 70.1 | 82.1 | 89.8 | 92.0 | 94.9 | 96.6 | 97.1 | 97.6 | 98.1 | 98.2 | 98.7 | 98.8 | 99.1 | 99.2 | 99.2 | | |
| 600 | 5.1 | 55.7 | 70.1 | 82.1 | 89.9 | 92.1 | 95.1 | 96.8 | 97.3 | 97.9 | 98.4 | 98.4 | 98.9 | 99.1 | 99.3 | 99.5 | 99.5 | | |
| 500 | 5.1 | 55.7 | 70.1 | 82.2 | 89.9 | 92.1 | 95.2 | 96.9 | 97.4 | 98.1 | 98.6 | 98.6 | 99.2 | 99.3 | 99.5 | 99.8 | 99.8 | | |
| 400 | 5.1 | 55.7 | 70.1 | 82.2 | 89.9 | 92.1 | 95.2 | 97.0 | 97.5 | 98.0 | 98.6 | 98.6 | 99.2 | 99.4 | 99.7 | 99.7 | 99.7 | | |
| 300 | 5.1 | 55.7 | 70.1 | 82.2 | 89.9 | 92.1 | 95.2 | 97.0 | 97.5 | 98.0 | 98.6 | 98.6 | 99.2 | 99.4 | 99.7 | 99.7 | 99.7 | | |

TOTAL NUMBER OF OBSERVATIONS 1601

CEILING VERSUS VISIBILITY

2-5-1

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS:

22-222

[illegible]

| | | | | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2.7 | 37.6 | 40.6 | 52.7 | 52.8 | 61.2 | 64.0 | 65.3 | 66.7 | 66.8 | 66.9 | 66.9 | 67.7 | 67.7 | 67.7 | 67.7 |
| 2.7 | 41.1 | 41.2 | 56.7 | 64.2 | 65.7 | 66.4 | 69.5 | 72.4 | 71.2 | 71.4 | 71.4 | 71.7 | 71.7 | 72.1 | 72.2 |
| 2.7 | 41.4 | 42.1 | 57.2 | 64.5 | 66.1 | 68.8 | 70.1 | 71.7 | 71.5 | 71.7 | 71.7 | 72.1 | 72.1 | 72.5 | 72.6 |
| 2.7 | 41.7 | 42.4 | 57.4 | 64.9 | 66.4 | 69.1 | 70.5 | 71.4 | 72.7 | 72.1 | 72.1 | 72.5 | 72.5 | 72.9 | 73.0 |
| 2.7 | 43.2 | 51.2 | 59.4 | 67.2 | 68.2 | 71.7 | 73.1 | 74.1 | 74.6 | 74.7 | 74.7 | 75.1 | 75.1 | 75.4 | 75.5 |
| 2.7 | 44.9 | 53.6 | 62.2 | 70.2 | 71.5 | 74.6 | 76.5 | 77.7 | 77.7 | 77.5 | 77.8 | 78.1 | 78.1 | 78.5 | 78.6 |
| 2.7 | 45.1 | 53.7 | 62.3 | 71.1 | 71.5 | 74.7 | 76.2 | 77.7 | 77.8 | 77.9 | 77.9 | 78.3 | 78.3 | 78.6 | 78.7 |
| 2.7 | 47.4 | 55.1 | 65.1 | 73.1 | 74.7 | 79.1 | 79.6 | 81.6 | 81.2 | 81.4 | 81.4 | 81.7 | 81.7 | 82.1 | 82.2 |
| 2.7 | 47.8 | 55.7 | 65.6 | 73.8 | 75.4 | 78.9 | 81.4 | 81.4 | 82.2 | 82.1 | 82.1 | 82.5 | 82.5 | 82.8 | 82.9 |
| 2.7 | 48.3 | 57.8 | 67.3 | 75.3 | 76.9 | 82.4 | 81.9 | 82.8 | 83.5 | 83.6 | 83.6 | 84.1 | 84.1 | 84.3 | 84.4 |
| 2.7 | 49.5 | 59.6 | 68.5 | 76.5 | 78.1 | 81.7 | 83.2 | 84.2 | 84.8 | 84.8 | 84.9 | 85.3 | 85.3 | 85.7 | 85.8 |
| 2.7 | 49.5 | 59.6 | 68.5 | 76.5 | 78.1 | 81.7 | 83.2 | 84.2 | 84.8 | 84.9 | 84.9 | 85.3 | 85.3 | 85.7 | 85.8 |
| 2.7 | 50.6 | 60.1 | 70.5 | 81.2 | 83.6 | 85.4 | 86.4 | 87.1 | 87.2 | 87.2 | 87.2 | 87.5 | 87.5 | 87.9 | 88.0 |
| 2.7 | 51.7 | 61.7 | 71.8 | 82.9 | 85.9 | 88.1 | 89.1 | 89.9 | 90.2 | 90.1 | 90.1 | 90.4 | 90.4 | 90.7 | 90.8 |
| 2.7 | 51.7 | 61.7 | 73.1 | 81.4 | 83.3 | 87.7 | 88.0 | 89.9 | 90.4 | 90.5 | 90.5 | 90.9 | 90.9 | 91.7 | 91.4 |
| 2.7 | 51.9 | 62.5 | 73.6 | 82.1 | 84.2 | 87.7 | 89.3 | 90.7 | 91.1 | 91.2 | 91.2 | 91.6 | 91.6 | 92.2 | 92.1 |
| 2.7 | 51.9 | 62.5 | 73.7 | 82.1 | 84.1 | 87.8 | 89.4 | 90.4 | 91.1 | 91.4 | 91.4 | 91.7 | 91.7 | 92.1 | 92.2 |
| 2.7 | 52.6 | 62.7 | 74.6 | 83.3 | 85.2 | 88.6 | 90.4 | 91.4 | 92.1 | 92.3 | 92.3 | 92.7 | 92.7 | 93.1 | 93.2 |
| 2.7 | 53.1 | 62.8 | 75.1 | 83.8 | 85.8 | 89.5 | 91.2 | 92.3 | 93.1 | 93.3 | 93.3 | 93.7 | 93.7 | 94.1 | 94.2 |
| 2.7 | 53.5 | 64.2 | 75.7 | 84.6 | 86.5 | 90.4 | 92.1 | 93.3 | 94.2 | 94.4 | 94.4 | 94.8 | 94.8 | 95.2 | 95.3 |
| 2.7 | 53.5 | 64.2 | 75.7 | 84.6 | 86.5 | 90.4 | 92.1 | 93.3 | 94.2 | 94.4 | 94.4 | 94.8 | 94.8 | 95.2 | 95.3 |
| 2.7 | 53.6 | 64.4 | 75.8 | 85.4 | 87.4 | 91.4 | 93.1 | 94.7 | 95.2 | 95.4 | 95.4 | 95.8 | 95.8 | 96.2 | 96.3 |
| 2.7 | 53.7 | 64.7 | 76.2 | 85.7 | 87.7 | 91.9 | 93.6 | 94.8 | 95.7 | 95.9 | 95.9 | 96.3 | 96.3 | 96.7 | 96.8 |
| 2.7 | 53.8 | 64.7 | 76.5 | 86.1 | 88.1 | 92.2 | 94.1 | 95.7 | 96.2 | 96.4 | 96.4 | 96.8 | 96.8 | 97.2 | 97.3 |
| 2.7 | 54.1 | 65.1 | 76.7 | 86.3 | 88.3 | 92.6 | 94.3 | 95.6 | 96.7 | 96.9 | 96.9 | 97.3 | 97.3 | 97.7 | 97.8 |
| 2.7 | 54.1 | 65.2 | 76.8 | 86.4 | 88.4 | 92.7 | 94.3 | 95.6 | 96.7 | 96.9 | 96.9 | 97.3 | 97.3 | 97.7 | 97.8 |
| 2.7 | 54.1 | 65.2 | 76.8 | 86.4 | 88.5 | 93.0 | 95.1 | 96.5 | 97.7 | 97.9 | 97.9 | 98.3 | 98.3 | 98.6 | 98.8 |
| 2.7 | 54.1 | 65.2 | 76.8 | 86.4 | 88.5 | 93.0 | 95.1 | 96.5 | 97.7 | 97.9 | 97.9 | 98.3 | 98.3 | 98.6 | 98.8 |
| 2.7 | 54.1 | 65.2 | 76.8 | 86.4 | 88.5 | 93.0 | 95.3 | 96.7 | 98.0 | 98.3 | 98.3 | 98.6 | 98.6 | 99.1 | 99.2 |
| 2.7 | 54.1 | 65.2 | 76.8 | 86.4 | 88.5 | 93.0 | 95.3 | 96.7 | 98.0 | 98.3 | 98.3 | 98.6 | 98.6 | 99.1 | 99.2 |

TOTAL NUMBER OF OBSERVATIONS _____ 630

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

2-1

81

TOTAL NUMBER OF OBSERVATIONS 1

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
 AIR FORCE
 AIR FORCE

CEILING VERSUS VISIBILITY

1957 10 CAMDEN, N.J.

73-11

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 25 | 10 | 5 | 2 | 1 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 1.1 | 20.5 | 21.7 | 34.4 | 41.7 | 44.5 | 46.1 | 51.1 | 51.3 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| 900 | 1.4 | 23.1 | 21.2 | 35.7 | 42.6 | 43.7 | 46.5 | 53.2 | 54.7 | 55.4 | 56.4 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 800 | 1.1 | 23.1 | 21.7 | 35.7 | 43.7 | 43.7 | 46.5 | 53.7 | 53.7 | 54.4 | 55.6 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 700 | 1.1 | 23.1 | 21.7 | 35.7 | 43.7 | 43.7 | 46.5 | 53.7 | 53.7 | 54.4 | 55.6 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 600 | 1.1 | 23.1 | 21.7 | 35.7 | 43.7 | 43.7 | 46.5 | 53.7 | 53.7 | 54.4 | 55.6 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 500 | 1.1 | 23.1 | 21.7 | 35.7 | 43.7 | 43.7 | 46.5 | 53.7 | 53.7 | 54.4 | 55.6 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 400 | 1.1 | 23.1 | 21.7 | 35.7 | 43.7 | 43.7 | 46.5 | 53.7 | 53.7 | 54.4 | 55.6 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 300 | 1.1 | 23.1 | 21.7 | 35.7 | 43.7 | 43.7 | 46.5 | 53.7 | 53.7 | 54.4 | 55.6 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 200 | 1.1 | 23.1 | 21.7 | 35.7 | 43.7 | 43.7 | 46.5 | 53.7 | 53.7 | 54.4 | 55.6 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 100 | 1.1 | 23.1 | 21.7 | 35.7 | 43.7 | 43.7 | 46.5 | 53.7 | 53.7 | 54.4 | 55.6 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 50 | 1.1 | 23.1 | 21.7 | 35.7 | 43.7 | 43.7 | 46.5 | 53.7 | 53.7 | 54.4 | 55.6 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 25 | 1.1 | 23.1 | 21.7 | 35.7 | 43.7 | 43.7 | 46.5 | 53.7 | 53.7 | 54.4 | 55.6 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 10 | 1.1 | 23.1 | 21.7 | 35.7 | 43.7 | 43.7 | 46.5 | 53.7 | 53.7 | 54.4 | 55.6 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 5 | 1.1 | 23.1 | 21.7 | 35.7 | 43.7 | 43.7 | 46.5 | 53.7 | 53.7 | 54.4 | 55.6 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 2 | 1.1 | 23.1 | 21.7 | 35.7 | 43.7 | 43.7 | 46.5 | 53.7 | 53.7 | 54.4 | 55.6 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 1 | 1.1 | 23.1 | 21.7 | 35.7 | 43.7 | 43.7 | 46.5 | 53.7 | 53.7 | 54.4 | 55.6 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 0 | 1.1 | 23.1 | 21.7 | 35.7 | 43.7 | 43.7 | 46.5 | 53.7 | 53.7 | 54.4 | 55.6 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |

TOTAL NUMBER OF OBSERVATIONS

CLIMATE CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION: FT CAMP BELL KY

73-11

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

12-1-1977

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 10.0 |
| 100 | 4.3 | 36.9 | 44.9 | 52.3 | 54.7 | 55.8 | 56.2 | 56.3 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| 200 | 5.2 | 40.1 | 44.3 | 55.7 | 58.5 | 59.4 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| 300 | 5.2 | 40.1 | 44.3 | 55.7 | 58.5 | 59.4 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| 400 | 5.2 | 40.1 | 44.3 | 55.7 | 58.5 | 59.4 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| 500 | 5.2 | 40.1 | 44.3 | 55.7 | 58.5 | 59.4 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| 600 | 5.3 | 42.5 | 51.1 | 55.8 | 61.7 | 62.0 | 63.1 | 63.2 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 700 | 5.3 | 44.3 | 53.9 | 61.8 | 64.8 | 65.7 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| 800 | 5.3 | 44.7 | 54.7 | 62.1 | 65.3 | 66.2 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| 900 | 5.3 | 47.3 | 57.2 | 65.9 | 69.4 | 70.2 | 70.9 | 71.3 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| 1000 | 5.3 | 48.1 | 58.0 | 66.9 | 70.6 | 71.7 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| 1200 | 5.4 | 48.5 | 58.4 | 67.8 | 71.5 | 72.7 | 73.7 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 1400 | 5.4 | 47.3 | 61.1 | 69.5 | 73.5 | 74.7 | 75.9 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| 1600 | 5.4 | 47.9 | 61.2 | 69.8 | 73.6 | 74.8 | 76.0 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| 1800 | 5.4 | 51.1 | 62.1 | 71.5 | 75.9 | 77.2 | 78.5 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| 2000 | 5.4 | 51.5 | 63.7 | 72.2 | 76.7 | 77.9 | 79.3 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| 2200 | 5.4 | 52.3 | 64.4 | 73.7 | 78.3 | 79.6 | 81.1 | 81.5 | 81.7 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| 2400 | 5.4 | 52.7 | 64.9 | 74.2 | 79.1 | 80.6 | 82.1 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| 2600 | 5.6 | 54.1 | 66.4 | 76.2 | 81.2 | 82.8 | 84.6 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| 2800 | 5.6 | 55.1 | 67.5 | 77.5 | 82.5 | 84.2 | 85.9 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| 3000 | 5.7 | 55.3 | 68.5 | 79.1 | 84.3 | 85.9 | 87.7 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| 3200 | 5.7 | 55.4 | 69.5 | 80.4 | 85.6 | 87.5 | 89.4 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| 3400 | 5.7 | 57.2 | 70.4 | 81.6 | 87.5 | 89.3 | 91.1 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| 3600 | 5.7 | 57.7 | 70.9 | 82.5 | 88.6 | 90.3 | 92.6 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| 3800 | 5.7 | 57.8 | 71.4 | 83.2 | 89.7 | 92.1 | 94.4 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| 4000 | 5.7 | 58.2 | 71.6 | 83.7 | 90.7 | 93.1 | 95.6 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| 4200 | 5.7 | 58.4 | 72.0 | 84.3 | 91.9 | 94.2 | 97.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 4400 | 5.7 | 58.5 | 72.1 | 84.4 | 92.1 | 94.6 | 97.4 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 4600 | 5.7 | 58.5 | 72.1 | 84.4 | 92.2 | 94.8 | 97.8 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 4800 | 5.7 | 58.5 | 72.1 | 84.4 | 92.2 | 94.8 | 97.8 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 5000 | 5.7 | 58.5 | 72.1 | 84.4 | 92.2 | 94.8 | 97.8 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |

TOTAL NUMBER OF OBSERVATIONS 817

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFM 7-100
 1. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: FT CAMPBELL KY

72-61

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

4227-1400

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|
| | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1000 | 7.3 | 44.4 | 51.7 | 54.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| 900 | 8.3 | 51.6 | 59.8 | 61.5 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| 800 | 8.3 | 51.7 | 59.9 | 61.6 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| 700 | 8.3 | 51.7 | 59.9 | 61.7 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| 600 | 8.3 | 52.6 | 59.8 | 62.0 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| 500 | 8.3 | 54.0 | 61.5 | 64.4 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| 400 | 8.3 | 55.2 | 64.1 | 67.2 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| 300 | 8.3 | 55.3 | 64.4 | 67.5 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| 200 | 8.1 | 55.8 | 67.2 | 71.2 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| 100 | 8.1 | 56.2 | 69.3 | 71.6 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 900 | 8.1 | 60.2 | 67.9 | 72.1 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 800 | 8.3 | 60.9 | 67.4 | 73.0 | 74.8 | 75.1 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| 700 | 8.4 | 61.4 | 7.1 | 73.5 | 75.3 | 75.6 | 75.7 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| 600 | 8.4 | 64.1 | 73.1 | 76.5 | 78.9 | 79.3 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| 500 | 8.4 | 65.7 | 75.4 | 79.1 | 81.5 | 81.9 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| 400 | 8.4 | 68.1 | 75.9 | 82.7 | 85.3 | 85.7 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| 300 | 8.4 | 7.9 | 81.4 | 85.4 | 88.0 | 88.4 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| 200 | 8.4 | 7.9 | 87.1 | 86.7 | 89.4 | 89.0 | 89.9 | 90.3 | 90.7 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| 100 | 8.0 | 71.1 | 87.3 | 86.9 | 89.9 | 91.2 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| 900 | 8.4 | 71.7 | 83.5 | 86.4 | 91.2 | 91.6 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| 800 | 8.4 | 71.5 | 84.3 | 89.4 | 93.2 | 93.7 | 94.0 | 94.1 | 94.1 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| 700 | 8.4 | 72.7 | 84.7 | 89.8 | 94.0 | 94.7 | 95.2 | 95.4 | 95.4 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 600 | 8.4 | 73.1 | 85.7 | 91.5 | 94.0 | 95.7 | 96.2 | 96.4 | 96.4 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 500 | 8.3 | 73.5 | 85.7 | 91.1 | 95.6 | 96.4 | 97.1 | 97.3 | 97.3 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 400 | 8.4 | 73.6 | 85.5 | 91.1 | 96.4 | 97.3 | 98.1 | 98.4 | 98.4 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 300 | 8.4 | 74.0 | 86.2 | 91.6 | 97.0 | 97.9 | 98.9 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 200 | 8.4 | 74.1 | 86.2 | 91.6 | 97.0 | 97.9 | 98.9 | 99.1 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 100 | 8.4 | 74.1 | 86.2 | 91.6 | 97.0 | 97.9 | 98.9 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 900 | 8.4 | 74.1 | 86.2 | 91.6 | 97.0 | 97.9 | 98.9 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 800 | 8.4 | 74.1 | 86.2 | 91.6 | 97.0 | 97.9 | 98.9 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 700 | 8.4 | 74.1 | 86.2 | 91.6 | 97.0 | 97.9 | 98.9 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 600 | 8.4 | 74.1 | 86.2 | 91.6 | 97.0 | 97.9 | 98.9 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 500 | 8.4 | 74.1 | 86.2 | 91.6 | 97.0 | 97.9 | 98.9 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 400 | 8.4 | 74.1 | 86.2 | 91.6 | 97.0 | 97.9 | 98.9 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 300 | 8.4 | 74.1 | 86.2 | 91.6 | 97.0 | 97.9 | 98.9 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 200 | 8.4 | 74.1 | 86.2 | 91.6 | 97.0 | 97.9 | 98.9 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 100 | 8.4 | 74.1 | 86.2 | 91.6 | 97.0 | 97.9 | 98.9 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 010

JOINT CLIMATOLOGY BRANCH
USAF ETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME FT CAMPBELL KY

73-51

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | > 10 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 1000 | 9.1 | 47.2 | 53.7 | 57.0 | 57.9 | 55.7 | 59.1 | 58.3 | 59.7 | 58.3 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| 900 | 17.1 | 54.5 | 61.6 | 65.0 | 66.4 | 66.5 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| 800 | 17.1 | 54.5 | 61.6 | 65.0 | 66.4 | 66.5 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| 700 | 17.1 | 54.5 | 61.6 | 65.0 | 66.4 | 66.5 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| 600 | 15.1 | 55.8 | 63.1 | 67.0 | 67.9 | 68.7 | 69.1 | 68.3 | 69.3 | 68.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| 500 | 10.4 | 57.2 | 64.6 | 68.5 | 69.5 | 69.6 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| 400 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 300 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 200 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 100 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 0 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 900 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 800 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 700 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 600 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 500 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 400 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 300 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 200 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 100 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 0 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 900 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 800 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 700 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 600 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 500 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 400 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 300 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 200 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 100 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 0 | 11.1 | 57.8 | 67.5 | 71.3 | 73.1 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |

TOTAL NUMBER OF OBSERVATIONS 17

CLIMATE CLIMATOLOGY BRANCH
AFAC/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
FT CAMPBELL KY

73-01

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2-2-50

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 20 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 1000 | 7.3 | 44.8 | 54.1 | 57.4 | 62.7 | 63.3 | 63.5 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| 900 | 7.3 | 54.1 | 61.1 | 67.5 | 71.1 | 71.4 | 72.7 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| 800 | 7.3 | 54.1 | 63.1 | 67.5 | 72.1 | 71.4 | 71.9 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| 700 | 7.3 | 54.4 | 67.7 | 68.1 | 72.7 | 71.0 | 71.5 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| 600 | 7.3 | 55.1 | 61.5 | 69.4 | 71.5 | 71.9 | 72.3 | 73.4 | 73.7 | 72.0 | 73.0 | 72.1 | 73.1 | 72.1 | 73.2 | 73.2 |
| 500 | 7.7 | 53.8 | 65.3 | 73.7 | 76.5 | 76.8 | 77.3 | 78.3 | 78.7 | 76.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| 400 | 7.7 | 58.9 | 65.4 | 74.4 | 76.9 | 77.1 | 77.5 | 78.3 | 78.7 | 76.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| 300 | 8.1 | 62.0 | 69.7 | 76.0 | 81.7 | 81.7 | 82.5 | 83.2 | 83.7 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| 200 | 8.1 | 63.1 | 72.2 | 79.3 | 82.5 | 83.0 | 83.7 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| 100 | 8.1 | 63.3 | 71.9 | 79.9 | 83.1 | 83.6 | 84.3 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| 0 | 8.3 | 64.3 | 77.1 | 81.3 | 84.2 | 84.7 | 85.6 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| 1000 | 8.3 | 64.7 | 77.5 | 81.6 | 84.8 | 85.6 | 86.4 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| 900 | 8.3 | 65.5 | 75.2 | 84.3 | 87.5 | 88.4 | 89.3 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| 800 | 8.3 | 66.9 | 75.7 | 84.9 | 88.4 | 89.5 | 90.5 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| 700 | 8.4 | 67.8 | 77.1 | 86.6 | 91.6 | 91.9 | 93.0 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| 600 | 8.4 | 67.8 | 77.1 | 86.9 | 91.7 | 92.1 | 93.1 | 94.2 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| 500 | 8.4 | 68.3 | 77.7 | 87.5 | 91.5 | 92.8 | 94.0 | 95.1 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| 400 | 8.4 | 68.0 | 77.8 | 87.7 | 91.6 | 93.0 | 94.2 | 95.3 | 95.4 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| 300 | 8.4 | 68.5 | 78.3 | 88.5 | 92.5 | 93.8 | 95.1 | 96.2 | 96.4 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| 200 | 8.4 | 68.6 | 78.4 | 88.6 | 92.7 | 94.1 | 95.3 | 96.4 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| 100 | 8.4 | 69.4 | 79.1 | 89.4 | 93.6 | 94.9 | 96.2 | 97.3 | 97.5 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 0 | 8.4 | 69.4 | 79.1 | 89.5 | 93.7 | 95.1 | 96.4 | 97.7 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 1000 | 8.4 | 69.4 | 79.1 | 89.5 | 94.0 | 95.4 | 97.0 | 98.3 | 98.5 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 900 | 8.4 | 69.4 | 79.1 | 89.6 | 94.4 | 95.9 | 97.7 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 800 | 8.4 | 69.4 | 79.1 | 89.6 | 94.4 | 95.9 | 98.0 | 99.3 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 700 | 8.4 | 69.5 | 79.3 | 89.8 | 94.6 | 96.1 | 98.1 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 600 | 8.4 | 69.5 | 79.3 | 89.8 | 94.6 | 96.0 | 98.3 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 8.4 | 69.5 | 79.3 | 89.8 | 94.6 | 96.0 | 98.3 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 8.4 | 69.5 | 79.3 | 89.8 | 94.6 | 96.0 | 98.3 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 8.4 | 69.5 | 79.3 | 89.8 | 94.6 | 96.0 | 98.3 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 8.4 | 69.5 | 79.3 | 89.8 | 94.6 | 96.0 | 98.3 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 8.4 | 69.5 | 79.3 | 89.8 | 94.6 | 96.0 | 98.3 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 8.4 | 69.5 | 79.3 | 89.8 | 94.6 | 96.0 | 98.3 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 31

JOINT CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: FT CAMPBELL KY

73-31

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| ≥1000 | 4.7 | 45.2 | 51.4 | 57.0 | 64.3 | 64.7 | 65.8 | 66.4 | 65.4 | 66.7 | 66.8 | 66.3 | 66.3 | 66.3 | 64.9 | 65.7 |
| ≥900 | 4.9 | 50.1 | 57.5 | 67.3 | 72.7 | 72.3 | 73.8 | 74.3 | 74.3 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.8 | 74.3 |
| ≥800 | 4.9 | 50.1 | 57.5 | 67.3 | 72.7 | 72.3 | 73.8 | 74.3 | 74.3 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 |
| ≥700 | 4.9 | 50.1 | 57.5 | 67.3 | 72.7 | 72.3 | 73.8 | 74.3 | 74.3 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 |
| ≥600 | 4.9 | 50.1 | 57.5 | 67.3 | 72.7 | 72.3 | 73.8 | 74.3 | 74.3 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 |
| ≥500 | 4.9 | 50.1 | 57.5 | 67.3 | 72.7 | 72.3 | 73.8 | 74.3 | 74.3 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 |
| ≥400 | 4.9 | 50.1 | 57.5 | 67.3 | 72.7 | 72.3 | 73.8 | 74.3 | 74.3 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 |
| ≥300 | 4.9 | 50.1 | 57.5 | 67.3 | 72.7 | 72.3 | 73.8 | 74.3 | 74.3 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 |
| ≥200 | 4.9 | 50.1 | 57.5 | 67.3 | 72.7 | 72.3 | 73.8 | 74.3 | 74.3 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 |
| ≥100 | 4.9 | 50.1 | 57.5 | 67.3 | 72.7 | 72.3 | 73.8 | 74.3 | 74.3 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 |
| ≥50 | 4.9 | 50.1 | 57.5 | 67.3 | 72.7 | 72.3 | 73.8 | 74.3 | 74.3 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 |
| ≥25 | 4.9 | 50.1 | 57.5 | 67.3 | 72.7 | 72.3 | 73.8 | 74.3 | 74.3 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 |
| ≥12 | 4.9 | 50.1 | 57.5 | 67.3 | 72.7 | 72.3 | 73.8 | 74.3 | 74.3 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 |
| ≥6 | 4.9 | 50.1 | 57.5 | 67.3 | 72.7 | 72.3 | 73.8 | 74.3 | 74.3 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 |
| ≥3 | 4.9 | 50.1 | 57.5 | 67.3 | 72.7 | 72.3 | 73.8 | 74.3 | 74.3 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 |
| ≥1 | 4.9 | 50.1 | 57.5 | 67.3 | 72.7 | 72.3 | 73.8 | 74.3 | 74.3 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 |
| ≥0 | 4.9 | 50.1 | 57.5 | 67.3 | 72.7 | 72.3 | 73.8 | 74.3 | 74.3 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 |

TOTAL NUMBER OF OBSERVATIONS 91

ALPHAL CLIMATOLOGY BRANCH
AFMSTAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

467 FT CAMPBELL KY

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|---------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 20 | 25 | 24 | 23 | 22 | 22 | 2 | 24 | 21 | 24 | 2 | 25 | 26 | 24 | 26 |
| CEILING | 4.3 | 39.1 | 47.6 | 51.5 | 55.7 | 56.7 | 58.3 | 59.2 | 59.5 | 59.9 | 60.2 | 60.5 | 60.5 | 60.5 | 61.9 | 61.1 |
| 2000 | 5.7 | 43.1 | 50.1 | 56.0 | 61.1 | 62.2 | 63.9 | 64.8 | 65.1 | 65.6 | 65.8 | 65.9 | 66.1 | 66.2 | 66.4 | 66.7 |
| 1800 | 5.3 | 43.2 | 50.2 | 56.7 | 61.3 | 62.4 | 64.0 | 65.3 | 65.2 | 65.7 | 66.0 | 66.0 | 66.3 | 66.3 | 66.5 | 66.9 |
| 1600 | 5.3 | 43.2 | 50.2 | 56.7 | 61.3 | 62.4 | 64.0 | 65.3 | 65.3 | 65.7 | 66.0 | 66.0 | 66.3 | 66.3 | 66.6 | 66.2 |
| 1400 | 5.3 | 43.7 | 50.8 | 57.3 | 61.9 | 63.1 | 64.7 | 65.6 | 65.9 | 66.4 | 66.6 | 66.7 | 66.9 | 67.0 | 67.2 | 67.5 |
| 1200 | 5.3 | 44.9 | 52.2 | 58.9 | 63.7 | 64.8 | 65.5 | 67.5 | 67.8 | 68.3 | 68.5 | 69.6 | 69.8 | 69.9 | 69.1 | 69.4 |
| 1000 | 5.6 | 47.4 | 55.3 | 62.5 | 67.5 | 68.6 | 70.6 | 71.6 | 71.9 | 72.4 | 72.7 | 72.7 | 72.9 | 73.0 | 73.3 | 73.6 |
| 800 | 5.9 | 47.5 | 55.3 | 62.6 | 67.8 | 68.9 | 70.9 | 71.9 | 72.3 | 72.8 | 73.0 | 73.1 | 73.3 | 73.4 | 73.6 | 73.9 |
| 600 | 5.3 | 49.9 | 59.3 | 66.1 | 71.4 | 72.6 | 74.7 | 75.8 | 76.1 | 76.6 | 76.9 | 76.9 | 77.1 | 77.2 | 77.5 | 77.8 |
| 400 | 5.3 | 50.5 | 59.3 | 66.9 | 72.3 | 73.5 | 75.7 | 76.7 | 77.1 | 77.6 | 77.8 | 77.9 | 78.1 | 78.2 | 78.4 | 78.8 |
| 200 | 5.7 | 51.2 | 57.8 | 67.8 | 73.7 | 74.5 | 76.7 | 77.8 | 78.1 | 78.6 | 78.9 | 79.9 | 79.2 | 79.7 | 79.5 | 79.8 |
| 100 | 6.1 | 52.1 | 61.7 | 69.1 | 74.5 | 75.8 | 78.2 | 79.3 | 79.6 | 80.1 | 80.4 | 80.4 | 80.7 | 80.7 | 81.2 | 81.7 |
| 50 | 6.1 | 52.3 | 61.2 | 69.5 | 74.8 | 75.1 | 78.4 | 79.5 | 79.9 | 80.4 | 80.6 | 80.7 | 80.9 | 81.0 | 81.2 | 81.5 |
| 25 | 6.1 | 53.7 | 62.9 | 71.4 | 77.1 | 78.5 | 81.7 | 82.2 | 82.7 | 83.1 | 83.4 | 83.5 | 83.8 | 83.8 | 84.1 | 84.4 |
| 12.5 | 6.1 | 54.2 | 63.9 | 72.4 | 78.1 | 79.6 | 82.2 | 83.4 | 83.9 | 84.4 | 84.7 | 84.7 | 85.0 | 85.1 | 85.3 | 85.6 |
| 6.25 | 6.1 | 55.4 | 65.3 | 74.3 | 80.3 | 81.9 | 84.5 | 85.8 | 86.3 | 86.8 | 87.1 | 87.1 | 87.4 | 87.5 | 87.7 | 88.1 |
| 3.125 | 6.1 | 56.0 | 66.2 | 75.2 | 81.4 | 83.1 | 85.8 | 87.1 | 87.5 | 88.1 | 88.4 | 88.5 | 88.9 | 88.8 | 89.1 | 89.4 |
| 1.5625 | 6.1 | 56.7 | 67.1 | 76.4 | 82.7 | 84.5 | 87.2 | 88.5 | 89.0 | 89.6 | 89.9 | 89.9 | 90.2 | 90.2 | 90.6 | 90.9 |
| 0.78125 | 6.1 | 56.9 | 67.3 | 76.7 | 83.1 | 84.9 | 87.6 | 89.1 | 89.4 | 90.0 | 90.3 | 90.4 | 90.7 | 90.7 | 91.0 | 91.1 |
| 0.390625 | 6.3 | 57.4 | 68.0 | 77.7 | 84.3 | 86.1 | 88.8 | 90.2 | 90.7 | 91.3 | 91.6 | 91.7 | 92.0 | 92.1 | 92.3 | 92.7 |
| 0.1953125 | 6.3 | 57.9 | 68.6 | 78.5 | 85.3 | 87.1 | 89.9 | 91.3 | 91.9 | 92.5 | 92.9 | 92.9 | 93.2 | 93.3 | 93.5 | 93.9 |
| 0.09765625 | 6.3 | 58.3 | 69.1 | 79.2 | 86.2 | 88.1 | 91.0 | 92.5 | 93.1 | 93.8 | 94.1 | 94.1 | 94.4 | 94.5 | 94.8 | 95.1 |
| 0.048828125 | 6.2 | 58.5 | 69.4 | 79.6 | 86.8 | 88.8 | 91.8 | 93.3 | 93.9 | 94.5 | 94.8 | 94.9 | 95.2 | 95.3 | 95.5 | 95.9 |
| 0.0244140625 | 6.3 | 58.7 | 69.6 | 79.9 | 87.4 | 89.4 | 92.6 | 94.1 | 94.7 | 95.4 | 95.7 | 95.8 | 96.1 | 96.1 | 96.4 | 96.7 |
| 0.01220703125 | 6.3 | 58.8 | 69.8 | 80.2 | 88.0 | 90.0 | 93.4 | 95.0 | 95.6 | 96.3 | 96.6 | 96.7 | 96.9 | 97.0 | 97.3 | 97.6 |
| 0.006103515625 | 6.3 | 59.0 | 70.0 | 80.5 | 88.4 | 90.5 | 94.0 | 95.7 | 96.4 | 97.1 | 97.4 | 97.5 | 97.9 | 97.8 | 98.1 | 98.4 |
| 0.0030517578125 | 6.3 | 59.1 | 70.1 | 80.6 | 88.6 | 90.7 | 94.3 | 96.1 | 96.8 | 97.5 | 97.9 | 97.9 | 98.2 | 98.3 | 98.6 | 98.9 |
| 0.00152587890625 | 6.3 | 59.1 | 70.1 | 80.7 | 88.7 | 90.8 | 94.5 | 96.4 | 97.1 | 97.8 | 98.2 | 98.3 | 98.6 | 98.6 | 98.9 | 99.3 |
| 0.000762939453125 | 6.3 | 59.1 | 70.2 | 80.7 | 88.7 | 90.8 | 94.6 | 96.6 | 97.2 | 98.0 | 98.4 | 98.5 | 98.8 | 98.9 | 99.2 | 99.6 |
| 0.0003814697265625 | 6.2 | 59.1 | 70.2 | 80.7 | 88.7 | 90.8 | 94.6 | 96.6 | 97.3 | 98.1 | 98.5 | 98.5 | 98.9 | 99.0 | 99.3 | 99.7 |
| 0.00019073486328125 | 6.2 | 59.1 | 70.2 | 80.7 | 88.7 | 90.8 | 94.6 | 96.6 | 97.3 | 98.1 | 98.5 | 98.6 | 98.9 | 99.0 | 99.3 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 649

JUNIOR CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

457
STATION

FT CAMPBELL KY

73-31

007

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

227-222

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 10000 | 59.6 | 63.3 | 66.3 | 68.6 | 68.8 | 70.0 | 70.4 | 70.6 | 70.7 | 71.0 | 71.1 | 71.2 | 71.4 | 71.4 | 71.4 | 71.3 |
| 8000 | 62.5 | 66.3 | 69.4 | 71.7 | 71.9 | 73.1 | 73.5 | 73.7 | 73.8 | 74.1 | 74.2 | 74.3 | 74.6 | 74.6 | 74.6 | 73.4 |
| 6000 | 62.5 | 66.3 | 69.4 | 71.7 | 71.9 | 73.1 | 73.5 | 73.7 | 73.8 | 74.1 | 74.2 | 74.3 | 74.6 | 74.6 | 74.6 | 73.4 |
| 4000 | 63.1 | 66.7 | 70.5 | 72.8 | 73.0 | 73.7 | 74.1 | 74.3 | 74.4 | 74.7 | 74.6 | 74.9 | 75.1 | 75.2 | 75.2 | 76.0 |
| 2000 | 63.4 | 67.4 | 70.5 | 72.8 | 73.0 | 74.2 | 74.6 | 74.9 | 74.9 | 75.1 | 75.3 | 75.4 | 75.6 | 75.6 | 75.6 | 76.0 |
| 1000 | 65.5 | 69.4 | 72.5 | 74.8 | 75.0 | 76.2 | 76.7 | 76.9 | 77.1 | 77.3 | 77.4 | 77.5 | 77.8 | 77.8 | 77.8 | 78.5 |
| 800 | 65.9 | 69.9 | 73.0 | 75.3 | 75.5 | 76.7 | 77.2 | 77.4 | 77.5 | 77.8 | 77.9 | 78.0 | 78.3 | 78.3 | 78.3 | 79.1 |
| 600 | 67.6 | 70.3 | 75.6 | 77.9 | 78.1 | 79.3 | 79.8 | 80.0 | 80.2 | 80.4 | 80.5 | 80.6 | 80.9 | 80.9 | 80.9 | 81.7 |
| 400 | 67.7 | 74.4 | 77.8 | 80.0 | 80.4 | 81.6 | 82.1 | 82.3 | 82.4 | 82.7 | 82.8 | 82.9 | 83.2 | 83.2 | 83.2 | 84.0 |
| 200 | 70.5 | 75.3 | 78.6 | 80.9 | 81.2 | 82.4 | 82.9 | 83.3 | 83.3 | 83.5 | 83.6 | 83.8 | 84.0 | 84.0 | 84.0 | 84.6 |
| 100 | 71.4 | 76.5 | 80.0 | 82.4 | 82.9 | 84.1 | 84.6 | 84.9 | 84.9 | 85.2 | 85.3 | 85.4 | 85.7 | 85.7 | 85.7 | 86.5 |
| 80 | 71.9 | 77.1 | 80.6 | 83.4 | 83.9 | 85.1 | 85.7 | 86.0 | 86.1 | 86.4 | 86.5 | 86.6 | 86.9 | 86.9 | 86.9 | 87.7 |
| 60 | 72.4 | 77.5 | 81.4 | 84.1 | 84.5 | 85.7 | 86.3 | 86.6 | 86.7 | 87.0 | 87.1 | 87.2 | 87.5 | 87.5 | 87.5 | 88.2 |
| 40 | 72.9 | 78.0 | 81.6 | 84.5 | 84.9 | 86.1 | 86.7 | 87.1 | 87.2 | 87.5 | 87.6 | 87.7 | 87.9 | 87.9 | 87.9 | 88.9 |
| 20 | 73.5 | 78.5 | 82.4 | 85.3 | 85.9 | 87.1 | 87.8 | 88.2 | 88.3 | 88.5 | 88.6 | 88.8 | 89.0 | 89.0 | 89.0 | 89.5 |
| 10 | 74.0 | 79.1 | 82.9 | 85.8 | 86.4 | 87.6 | 88.3 | 88.6 | 88.8 | 89.0 | 89.1 | 89.2 | 89.5 | 89.5 | 89.5 | 90.3 |
| 8 | 75.3 | 80.6 | 84.6 | 87.6 | 88.2 | 89.4 | 90.1 | 90.4 | 90.6 | 90.8 | 90.9 | 91.0 | 91.3 | 91.3 | 91.3 | 92.1 |
| 6 | 75.7 | 81.2 | 85.3 | 88.3 | 88.9 | 90.1 | 90.8 | 91.2 | 91.3 | 91.5 | 91.6 | 91.8 | 92.0 | 92.0 | 92.0 | 92.7 |
| 4 | 76.6 | 82.2 | 86.4 | 89.6 | 90.2 | 91.5 | 92.2 | 92.6 | 92.7 | 93.0 | 93.1 | 93.2 | 93.4 | 93.4 | 93.4 | 94.3 |
| 2 | 76.7 | 82.3 | 86.5 | 89.7 | 90.7 | 92.0 | 92.7 | 93.1 | 93.2 | 93.4 | 93.5 | 93.7 | 93.9 | 93.9 | 93.9 | 94.7 |
| 1 | 76.8 | 82.7 | 86.9 | 90.6 | 91.2 | 92.7 | 93.4 | 93.8 | 93.9 | 94.1 | 94.3 | 94.4 | 94.6 | 94.6 | 94.6 | 95.5 |
| 0.8 | 77.3 | 83.3 | 87.5 | 91.2 | 91.8 | 93.3 | 94.0 | 94.4 | 94.5 | 94.7 | 94.9 | 95.0 | 95.2 | 95.2 | 95.2 | 96.1 |
| 0.6 | 77.3 | 83.4 | 87.5 | 91.2 | 91.9 | 93.4 | 94.1 | 94.5 | 94.6 | 94.9 | 95.0 | 95.1 | 95.3 | 95.3 | 95.3 | 96.0 |
| 0.4 | 77.3 | 83.4 | 87.6 | 91.4 | 92.4 | 93.9 | 94.7 | 95.1 | 95.2 | 95.5 | 95.6 | 95.7 | 95.9 | 95.9 | 95.9 | 96.8 |
| 0.2 | 77.3 | 83.4 | 87.6 | 91.4 | 92.7 | 94.4 | 95.2 | 95.6 | 95.9 | 96.2 | 96.3 | 96.4 | 96.7 | 96.7 | 96.7 | 97.5 |
| 0.1 | 77.3 | 83.5 | 87.7 | 91.8 | 93.1 | 94.9 | 96.2 | 96.5 | 96.9 | 97.1 | 97.3 | 97.5 | 97.7 | 97.7 | 97.7 | 98.6 |
| 0.08 | 77.3 | 83.5 | 87.7 | 92.0 | 93.3 | 95.1 | 96.5 | 96.8 | 97.4 | 97.6 | 97.7 | 98.0 | 98.2 | 98.2 | 98.2 | 99.0 |
| 0.06 | 77.3 | 83.5 | 87.7 | 92.2 | 93.5 | 95.3 | 96.9 | 97.3 | 97.7 | 98.0 | 98.1 | 98.4 | 98.7 | 98.7 | 98.7 | 99.3 |
| 0.04 | 77.3 | 83.5 | 87.7 | 92.2 | 93.5 | 95.3 | 96.9 | 97.3 | 97.7 | 98.0 | 98.1 | 98.4 | 98.7 | 98.8 | 98.8 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS 377

GENERAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE / MAC

CEILING VERSUS VISIBILITY

146737 FT CAMPBELL KY

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-2-500

| | | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|----------|-----|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 |
| 1000 | 6.3 | 51.4 | 55.6 | 59.3 | 62.2 | 63.3 | 64.6 | 65.7 | 66.1 | 66.7 | 67.1 | 67.1 | 67.7 | 68.1 | 68.1 | 68.1 | 68.1 |
| 900 | 7.4 | 53.1 | 57.5 | 61.5 | 65.1 | 66.2 | 67.5 | 68.6 | 68.9 | 69.5 | 70.0 | 70.0 | 70.6 | 71.1 | 71.1 | 71.1 | 71.1 |
| 800 | 7.4 | 53.1 | 57.5 | 61.5 | 65.1 | 66.2 | 67.5 | 68.6 | 68.9 | 69.5 | 70.0 | 70.0 | 70.6 | 71.1 | 71.1 | 71.1 | 71.1 |
| 700 | 7.4 | 53.4 | 57.9 | 61.9 | 65.5 | 66.5 | 67.9 | 68.9 | 69.3 | 69.9 | 70.4 | 70.4 | 71.0 | 71.2 | 71.3 | 71.3 | 71.3 |
| 600 | 7.4 | 54.2 | 58.8 | 62.8 | 66.4 | 67.5 | 68.8 | 69.9 | 70.3 | 70.8 | 71.3 | 71.3 | 71.9 | 72.2 | 72.3 | 72.3 | 72.3 |
| 500 | 7.5 | 57.0 | 61.5 | 65.7 | 69.3 | 70.5 | 71.8 | 72.9 | 73.2 | 73.8 | 74.3 | 74.3 | 74.9 | 75.1 | 75.3 | 75.3 | 75.3 |
| 400 | 7.5 | 57.1 | 61.6 | 65.8 | 69.4 | 70.7 | 72.0 | 73.1 | 73.5 | 74.1 | 74.6 | 74.6 | 75.1 | 75.4 | 75.5 | 75.5 | 75.5 |
| 300 | 7.6 | 58.7 | 63.6 | 68.1 | 72.2 | 73.6 | 74.9 | 76.1 | 76.3 | 76.9 | 77.4 | 77.4 | 78.0 | 78.3 | 78.5 | 78.5 | 78.5 |
| 200 | 7.6 | 59.9 | 64.8 | 69.3 | 73.4 | 74.8 | 76.1 | 77.2 | 77.5 | 78.1 | 78.6 | 78.6 | 79.2 | 79.5 | 79.7 | 79.7 | 79.7 |
| 100 | 7.6 | 61.6 | 66.5 | 71.1 | 75.1 | 76.6 | 77.9 | 79.0 | 79.3 | 79.9 | 80.4 | 80.4 | 81.0 | 81.2 | 81.5 | 81.5 | 81.5 |
| 50 | 7.6 | 62.7 | 67.6 | 72.5 | 76.6 | 78.3 | 79.6 | 80.6 | 81.0 | 81.5 | 82.1 | 82.1 | 82.7 | 82.9 | 83.2 | 83.2 | 83.2 |
| 25 | 7.6 | 63.1 | 67.9 | 73.1 | 77.1 | 78.7 | 80.0 | 81.4 | 81.7 | 82.3 | 82.9 | 82.9 | 83.5 | 83.6 | 83.9 | 83.9 | 83.9 |
| 10 | 7.7 | 63.7 | 69.1 | 74.2 | 78.3 | 79.9 | 81.2 | 82.4 | 82.9 | 83.5 | 84.1 | 84.1 | 84.6 | 84.8 | 85.1 | 85.1 | 85.1 |
| 5 | 7.7 | 64.4 | 69.9 | 75.0 | 79.1 | 80.8 | 82.1 | 83.4 | 83.9 | 84.3 | 84.8 | 84.8 | 85.4 | 85.7 | 85.9 | 85.9 | 85.9 |
| 2 | 7.7 | 65.3 | 70.7 | 76.1 | 80.3 | 82.0 | 83.3 | 84.6 | 84.9 | 85.5 | 86.0 | 86.0 | 86.6 | 86.8 | 87.1 | 87.1 | 87.1 |
| 1 | 8.1 | 66.1 | 71.6 | 76.8 | 81.1 | 82.8 | 84.2 | 85.5 | 85.9 | 86.5 | 87.0 | 87.0 | 87.6 | 87.8 | 88.1 | 88.1 | 88.1 |
| 0.5 | 8.1 | 67.4 | 72.9 | 78.3 | 82.7 | 84.5 | 86.0 | 87.3 | 87.7 | 88.3 | 88.8 | 88.8 | 89.4 | 89.6 | 89.8 | 89.8 | 89.8 |
| 0.25 | 8.1 | 68.0 | 73.5 | 78.9 | 83.3 | 85.1 | 86.6 | 87.9 | 88.3 | 88.9 | 89.4 | 89.4 | 90.0 | 90.2 | 90.4 | 90.4 | 90.4 |
| 0.1 | 8.1 | 68.5 | 74.0 | 79.3 | 83.9 | 85.7 | 87.2 | 88.5 | 88.9 | 89.5 | 90.0 | 90.0 | 90.6 | 90.8 | 91.0 | 91.0 | 91.0 |
| 0.05 | 8.1 | 69.2 | 74.7 | 80.0 | 84.7 | 86.5 | 88.1 | 89.5 | 89.9 | 90.4 | 90.9 | 90.9 | 91.5 | 91.8 | 92.0 | 92.0 | 92.0 |
| 0.025 | 8.1 | 69.5 | 75.1 | 80.4 | 85.2 | 87.1 | 88.6 | 90.0 | 90.4 | 91.0 | 91.5 | 91.5 | 92.1 | 92.4 | 92.6 | 92.6 | 92.6 |
| 0.01 | 8.1 | 69.8 | 75.3 | 80.6 | 85.4 | 87.2 | 88.7 | 90.1 | 90.5 | 91.1 | 91.6 | 91.6 | 92.2 | 92.5 | 92.7 | 92.7 | 92.7 |
| 0.005 | 8.1 | 69.8 | 75.3 | 80.6 | 85.4 | 87.2 | 88.7 | 90.1 | 90.5 | 91.1 | 91.6 | 91.6 | 92.2 | 92.5 | 92.7 | 92.7 | 92.7 |
| 0.0025 | 8.1 | 69.8 | 75.3 | 80.6 | 85.4 | 87.2 | 88.7 | 90.1 | 90.5 | 91.1 | 91.6 | 91.6 | 92.2 | 92.5 | 92.7 | 92.7 | 92.7 |
| 0.001 | 8.1 | 69.8 | 75.3 | 80.6 | 85.4 | 87.2 | 88.7 | 90.1 | 90.5 | 91.1 | 91.6 | 91.6 | 92.2 | 92.5 | 92.7 | 92.7 | 92.7 |
| 0.0005 | 8.1 | 69.8 | 75.3 | 80.6 | 85.4 | 87.2 | 88.7 | 90.1 | 90.5 | 91.1 | 91.6 | 91.6 | 92.2 | 92.5 | 92.7 | 92.7 | 92.7 |
| 0.00025 | 8.1 | 69.8 | 75.3 | 80.6 | 85.4 | 87.2 | 88.7 | 90.1 | 90.5 | 91.1 | 91.6 | 91.6 | 92.2 | 92.5 | 92.7 | 92.7 | 92.7 |
| 0.0001 | 8.1 | 69.8 | 75.3 | 80.6 | 85.4 | 87.2 | 88.7 | 90.1 | 90.5 | 91.1 | 91.6 | 91.6 | 92.2 | 92.5 | 92.7 | 92.7 | 92.7 |
| 0.00005 | 8.1 | 69.8 | 75.3 | 80.6 | 85.4 | 87.2 | 88.7 | 90.1 | 90.5 | 91.1 | 91.6 | 91.6 | 92.2 | 92.5 | 92.7 | 92.7 | 92.7 |
| 0.000025 | 8.1 | 69.8 | 75.3 | 80.6 | 85.4 | 87.2 | 88.7 | 90.1 | 90.5 | 91.1 | 91.6 | 91.6 | 92.2 | 92.5 | 92.7 | 92.7 | 92.7 |
| 0.00001 | 8.1 | 69.8 | 75.3 | 80.6 | 85.4 | 87.2 | 88.7 | 90.1 | 90.5 | 91.1 | 91.6 | 91.6 | 92.2 | 92.5 | 92.7 | 92.7 | 92.7 |

TOTAL NUMBER OF OBSERVATIONS 637

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

146710 FT CAMPBELL KY

73-31

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 1000 | 6.5 | 39.5 | 45.6 | 51.7 | 55.7 | 56.3 | 59.1 | 59.1 | 59.9 | 60.6 | 61.1 | 61.1 | 61.2 | 61.4 | 61.6 | 62.0 |
| 900 | 6.6 | 42.5 | 49.8 | 54.0 | 53.3 | 59.6 | 61.4 | 62.5 | 63.7 | 63.9 | 64.4 | 64.4 | 64.5 | 65.0 | 65.7 | 65.8 |
| 800 | 6.5 | 42.5 | 49.8 | 54.0 | 53.3 | 59.6 | 61.4 | 62.5 | 63.7 | 63.9 | 64.4 | 64.4 | 64.5 | 65.0 | 65.7 | 65.8 |
| 700 | 6.5 | 42.5 | 49.8 | 54.0 | 53.3 | 59.6 | 61.4 | 62.5 | 63.7 | 63.9 | 64.4 | 64.4 | 64.5 | 65.0 | 65.7 | 65.8 |
| 600 | 6.6 | 42.5 | 49.8 | 54.0 | 53.3 | 59.6 | 61.5 | 62.6 | 63.7 | 64.0 | 64.5 | 64.5 | 64.6 | 65.1 | 65.1 | 65.5 |
| 500 | 6.5 | 43.0 | 51.5 | 54.8 | 59.1 | 61.6 | 62.6 | 63.7 | 64.4 | 65.1 | 65.6 | 65.6 | 65.7 | 66.2 | 66.2 | 66.7 |
| 400 | 6.5 | 45.1 | 54.2 | 58.9 | 63.6 | 65.0 | 67.5 | 68.6 | 69.3 | 70.1 | 70.6 | 70.6 | 70.7 | 71.0 | 71.2 | 71.7 |
| 300 | 6.5 | 45.4 | 54.5 | 59.1 | 63.8 | 65.2 | 67.7 | 68.9 | 69.7 | 70.5 | 71.0 | 71.0 | 71.1 | 71.5 | 71.5 | 72.0 |
| 200 | 6.5 | 43.3 | 56.0 | 61.5 | 66.4 | 67.9 | 70.7 | 71.9 | 72.6 | 73.5 | 74.0 | 74.0 | 74.1 | 74.6 | 74.6 | 75.0 |
| 100 | 6.6 | 49.7 | 58.3 | 63.1 | 68.0 | 69.4 | 72.3 | 73.5 | 74.3 | 75.1 | 75.6 | 75.6 | 75.7 | 76.2 | 76.2 | 76.7 |
| 000 | 6.5 | 51.5 | 59.7 | 64.4 | 69.3 | 70.7 | 73.7 | 74.9 | 75.7 | 76.6 | 77.1 | 77.1 | 77.2 | 77.7 | 77.7 | 78.1 |
| 500 | 6.6 | 52.9 | 61.9 | 67.1 | 72.2 | 73.7 | 76.7 | 77.7 | 79.2 | 80.0 | 80.9 | 81.4 | 81.5 | 82.0 | 82.0 | 82.4 |
| 400 | 6.6 | 53.9 | 62.9 | 68.0 | 74.1 | 75.9 | 78.9 | 80.5 | 81.4 | 82.2 | 82.7 | 82.7 | 82.8 | 83.3 | 83.3 | 83.5 |
| 300 | 6.6 | 54.8 | 63.8 | 69.5 | 75.1 | 76.9 | 80.0 | 81.7 | 82.6 | 83.4 | 83.9 | 83.9 | 84.0 | 84.5 | 84.5 | 84.7 |
| 200 | 6.6 | 56.2 | 65.1 | 70.8 | 76.5 | 78.4 | 81.5 | 83.2 | 84.0 | 84.8 | 85.3 | 85.3 | 85.4 | 85.9 | 85.9 | 86.4 |
| 100 | 6.6 | 57.0 | 65.9 | 71.9 | 77.5 | 79.5 | 82.6 | 84.5 | 85.3 | 86.1 | 86.6 | 86.6 | 86.7 | 87.2 | 87.2 | 87.7 |
| 000 | 6.6 | 57.5 | 66.4 | 72.4 | 78.3 | 80.3 | 83.5 | 85.5 | 86.4 | 87.3 | 87.8 | 87.8 | 87.9 | 88.4 | 88.4 | 88.9 |
| 500 | 6.5 | 57.6 | 66.5 | 72.6 | 78.5 | 80.5 | 83.8 | 85.8 | 86.7 | 87.7 | 88.2 | 88.2 | 88.3 | 88.8 | 88.8 | 89.2 |
| 400 | 6.5 | 57.8 | 66.8 | 72.9 | 79.7 | 81.4 | 84.6 | 86.7 | 87.7 | 88.9 | 89.4 | 89.4 | 89.5 | 90.0 | 90.0 | 90.5 |
| 300 | 6.5 | 58.7 | 67.4 | 74.0 | 80.4 | 82.4 | 85.7 | 87.8 | 88.8 | 90.0 | 90.4 | 90.4 | 90.6 | 91.0 | 91.0 | 91.4 |
| 200 | 6.5 | 59.3 | 68.6 | 74.9 | 81.5 | 83.5 | 86.7 | 89.2 | 90.7 | 91.4 | 91.9 | 91.9 | 92.0 | 92.5 | 92.5 | 93.1 |
| 100 | 6.5 | 59.4 | 68.8 | 75.3 | 82.0 | 84.0 | 87.2 | 89.7 | 91.7 | 91.9 | 92.4 | 92.4 | 92.5 | 93.0 | 93.0 | 93.5 |
| 000 | 6.6 | 59.5 | 69.1 | 75.7 | 82.6 | 84.6 | 87.8 | 90.3 | 91.7 | 92.5 | 93.7 | 93.7 | 93.8 | 94.3 | 94.3 | 94.8 |
| 500 | 6.6 | 59.6 | 69.2 | 75.9 | 82.8 | 85.1 | 88.3 | 90.8 | 92.0 | 93.3 | 93.8 | 93.8 | 93.9 | 94.4 | 94.4 | 95.0 |
| 400 | 6.6 | 59.7 | 69.3 | 76.2 | 83.3 | 85.9 | 89.4 | 91.9 | 93.7 | 94.5 | 95.0 | 95.0 | 95.1 | 95.6 | 95.6 | 96.2 |
| 300 | 6.6 | 59.9 | 69.4 | 76.5 | 84.7 | 87.3 | 90.9 | 93.4 | 94.9 | 96.4 | 96.9 | 96.9 | 97.0 | 97.5 | 97.5 | 98.1 |
| 200 | 6.6 | 59.9 | 69.4 | 76.5 | 84.8 | 87.5 | 91.0 | 93.5 | 95.0 | 96.9 | 97.4 | 97.5 | 97.5 | 98.0 | 98.0 | 98.6 |
| 100 | 6.6 | 59.9 | 69.4 | 76.5 | 84.8 | 87.5 | 91.0 | 93.5 | 95.0 | 96.9 | 97.5 | 97.5 | 97.6 | 98.1 | 98.1 | 98.7 |
| 000 | 6.6 | 59.9 | 69.4 | 76.5 | 84.8 | 87.5 | 91.0 | 93.5 | 95.0 | 96.9 | 97.5 | 97.5 | 97.6 | 98.1 | 98.1 | 98.7 |

TOTAL NUMBER OF OBSERVATIONS 37

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7427. FT CAMPBELL KY

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

7427-1100

| | | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|------|------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 |
| 1000 | 1000 | 1.2 | 56.8 | 6.3 | 62.2 | 63.2 | 63.4 | 63.4 | 63.4 | 63.4 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.7 |
| 900 | 900 | 10.7 | 55.8 | 64.9 | 67.3 | 68.2 | 68.5 | 68.5 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.7 |
| 800 | 800 | 17.7 | 60.8 | 64.9 | 67.3 | 68.2 | 68.5 | 68.5 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.7 |
| 700 | 700 | 17.2 | 60.8 | 64.9 | 67.3 | 68.2 | 68.5 | 68.5 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.7 |
| 600 | 600 | 17.7 | 61.9 | 65.7 | 67.4 | 68.3 | 68.6 | 68.6 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| 500 | 500 | 17.2 | 61.5 | 67.6 | 68.1 | 69.1 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.5 |
| 400 | 400 | 11.7 | 64.6 | 67.4 | 71.9 | 77.1 | 73.4 | 73.4 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 300 | 300 | 11.1 | 64.6 | 67.5 | 72.2 | 73.4 | 73.6 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| 200 | 200 | 11.1 | 67.9 | 77.9 | 75.5 | 76.7 | 76.9 | 76.9 | 76.9 | 76.9 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| 100 | 100 | 11.2 | 67.2 | 74.2 | 77.2 | 73.5 | 75.9 | 78.9 | 78.9 | 78.9 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| 000 | 000 | 11.3 | 67.2 | 75.1 | 78.1 | 79.5 | 79.5 | 79.8 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| 900 | 900 | 11.3 | 70.7 | 76.1 | 79.3 | 82.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.5 |
| 800 | 800 | 11.2 | 71.3 | 76.8 | 80.3 | 82.1 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.8 |
| 700 | 700 | 11.2 | 72.2 | 77.7 | 81.4 | 87.2 | 83.6 | 83.6 | 83.6 | 83.6 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 84.1 |
| 600 | 600 | 11.5 | 72.9 | 73.4 | 82.2 | 84.1 | 84.6 | 84.6 | 84.7 | 84.7 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.1 |
| 500 | 500 | 11.4 | 73.6 | 79.1 | 83.1 | 84.2 | 85.4 | 85.4 | 85.5 | 85.7 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.2 |
| 400 | 400 | 11.4 | 74.7 | 80.2 | 84.3 | 86.4 | 87.0 | 87.1 | 87.2 | 87.3 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 |
| 300 | 300 | 11.4 | 75.7 | 81.7 | 85.4 | 87.6 | 88.2 | 88.3 | 88.4 | 88.6 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 |
| 200 | 200 | 11.3 | 75.4 | 81.1 | 85.5 | 87.7 | 88.3 | 88.4 | 88.5 | 88.8 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| 100 | 100 | 11.4 | 75.9 | 81.6 | 86.5 | 88.9 | 89.5 | 89.7 | 89.8 | 90.1 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.6 |
| 000 | 000 | 11.4 | 76.7 | 81.4 | 87.3 | 89.8 | 90.7 | 91.1 | 91.2 | 91.4 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 |
| 900 | 900 | 11.7 | 76.9 | 83.0 | 88.2 | 90.8 | 91.8 | 92.1 | 92.4 | 92.6 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 |
| 800 | 800 | 11.7 | 77.2 | 83.5 | 89.0 | 91.9 | 92.8 | 93.2 | 93.5 | 93.8 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 |
| 700 | 700 | 11.7 | 77.2 | 83.8 | 89.4 | 92.8 | 94.1 | 94.6 | 95.0 | 95.2 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 |
| 600 | 600 | 11.7 | 77.3 | 84.1 | 89.8 | 93.3 | 94.5 | 95.2 | 95.9 | 96.2 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 |
| 500 | 500 | 11.7 | 77.3 | 84.1 | 90.0 | 93.8 | 95.1 | 95.7 | 96.5 | 96.9 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.7 |
| 400 | 400 | 11.7 | 77.3 | 84.1 | 90.1 | 94.4 | 95.8 | 96.8 | 97.8 | 98.2 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 |
| 300 | 300 | 11.7 | 77.3 | 84.1 | 90.1 | 94.4 | 95.8 | 97.1 | 98.2 | 98.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 |
| 200 | 200 | 11.7 | 77.3 | 84.1 | 90.1 | 94.4 | 95.8 | 97.1 | 98.3 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 |
| 100 | 100 | 11.7 | 77.3 | 84.1 | 90.1 | 94.4 | 95.8 | 97.1 | 98.3 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.9 |
| 000 | 000 | 11.7 | 77.3 | 84.1 | 90.1 | 94.4 | 95.8 | 97.1 | 98.3 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 877

U. S. AIR CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: FT CAMPBELL KY
STATION NAME:

73-31

001

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-140

| | | VISIBILITY STATISTICAL VALUES | | | | | | | | | | | | | | | |
|------|------|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 |
| 13.7 | 57.7 | 67.1 | 62.6 | 67.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| 14.8 | 66.7 | 63.1 | 66.7 | 63.9 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| 14.9 | 66.7 | 63.1 | 63.7 | 63.9 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| 15.2 | 67.7 | 63.5 | 69.1 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| 15.2 | 68.1 | 69.5 | 71.1 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| 15.7 | 70.8 | 72.4 | 73.1 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 15.7 | 71.6 | 73.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| 16.1 | 73.6 | 75.5 | 76.2 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| 16.4 | 74.3 | 76.2 | 77.2 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 16.5 | 75.1 | 77.2 | 78.1 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| 16.6 | 76.2 | 78.6 | 79.6 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| 16.6 | 76.6 | 79.7 | 79.9 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| 16.8 | 78.1 | 81.6 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| 17.3 | 79.9 | 82.9 | 84.1 | 84.7 | 84.9 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| 17.7 | 81.4 | 84.5 | 86.1 | 87.1 | 87.3 | 87.3 | 87.3 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 17.7 | 82.0 | 85.2 | 87.5 | 87.5 | 88.9 | 88.9 | 88.9 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| 17.7 | 83.2 | 87.7 | 89.5 | 90.9 | 91.3 | 91.3 | 91.3 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| 17.8 | 83.5 | 84.1 | 91.0 | 91.4 | 91.8 | 91.8 | 91.8 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| 17.8 | 84.1 | 87.7 | 91.4 | 91.7 | 93.3 | 93.4 | 93.4 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| 17.8 | 84.3 | 87.4 | 91.9 | 93.8 | 94.5 | 94.6 | 94.7 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| 17.8 | 84.3 | 87.6 | 92.4 | 94.4 | 95.1 | 95.3 | 95.5 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 17.8 | 84.5 | 87.8 | 92.8 | 95.7 | 95.7 | 96.1 | 96.2 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| 17.8 | 84.5 | 91.1 | 93.2 | 95.6 | 96.3 | 96.7 | 96.8 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 17.8 | 84.5 | 97.3 | 93.9 | 96.4 | 97.1 | 97.5 | 97.6 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 17.8 | 84.5 | 97.7 | 93.9 | 96.4 | 97.4 | 97.8 | 98.0 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 17.8 | 84.5 | 97.4 | 94.0 | 96.7 | 97.6 | 98.3 | 98.4 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 17.8 | 84.5 | 97.6 | 94.1 | 96.8 | 97.7 | 98.7 | 98.9 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 17.8 | 84.5 | 97.6 | 94.3 | 96.9 | 97.8 | 98.8 | 99.1 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 17.8 | 84.5 | 97.6 | 94.3 | 96.9 | 97.8 | 98.8 | 99.0 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 17.8 | 84.5 | 97.6 | 94.3 | 96.9 | 97.8 | 98.8 | 99.0 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 537

LOCAL CLIMATE BRANCH
 WAFB TAC
 WEATHER SERVICE/MAAC

CEILING VERSUS VISIBILITY

STATION: FT CAMPBELL KY

73-81

DATE:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-1-1962

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 15.4 | 15.5 | 65.7 | 65.8 | 65.9 | 66.0 | 66.1 | 66.2 | 66.3 | 66.4 | 66.5 | 66.6 | 66.7 | 66.8 | 66.9 | 67.0 | 67.1 | 67.2 | 67.3 | 67.4 | 67.5 | 67.6 | 67.7 | 67.8 | 67.9 | 68.0 | 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 | 69.0 | 69.1 | 69.2 | 69.3 | 69.4 | 69.5 | 69.6 | 69.7 | 69.8 | 69.9 | 70.0 | 70.1 | 70.2 | 70.3 | 70.4 | 70.5 | 70.6 | 70.7 | 70.8 | 70.9 | 71.0 | 71.1 | 71.2 | 71.3 | 71.4 | 71.5 | 71.6 | 71.7 | 71.8 | 71.9 | 72.0 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 | 73.7 | 73.8 | 73.9 | 74.0 | 74.1 | 74.2 | 74.3 | 74.4 | 74.5 | 74.6 | 74.7 | 74.8 | 74.9 | 75.0 | 75.1 | 75.2 | 75.3 | 75.4 | 75.5 | 75.6 | 75.7 | 75.8 | 75.9 | 76.0 | 76.1 | 76.2 | 76.3 | 76.4 | 76.5 | 76.6 | 76.7 | 76.8 | 76.9 | 77.0 | 77.1 | 77.2 | 77.3 | 77.4 | 77.5 | 77.6 | 77.7 | 77.8 | 77.9 | 78.0 | 78.1 | 78.2 | 78.3 | 78.4 | 78.5 | 78.6 | 78.7 | 78.8 | 78.9 | 79.0 | 79.1 | 79.2 | 79.3 | 79.4 | 79.5 | 79.6 | 79.7 | 79.8 | 79.9 | 80.0 | 80.1 | 80.2 | 80.3 | 80.4 | 80.5 | 80.6 | 80.7 | 80.8 | 80.9 | 81.0 | 81.1 | 81.2 | 81.3 | 81.4 | 81.5 | 81.6 | 81.7 | 81.8 | 81.9 | 82.0 | 82.1 | 82.2 | 82.3 | 82.4 | 82.5 | 82.6 | 82.7 | 82.8 | 82.9 | 83.0 | 83.1 | 83.2 | 83.3 | 83.4 | 83.5 | 83.6 | 83.7 | 83.8 | 83.9 | 84.0 | 84.1 | 84.2 | 84.3 | 84.4 | 84.5 | 84.6 | 84.7 | 84.8 | 84.9 | 85.0 | 85.1 | 85.2 | 85.3 | 85.4 | 85.5 | 85.6 | 85.7 | 85.8 | 85.9 | 86.0 | 86.1 | 86.2 | 86.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.8 | 86.9 | 87.0 | 87.1 | 87.2 | 87.3 | 87.4 | 87.5 | 87.6 | 87.7 | 87.8 | 87.9 | 88.0 | 88.1 | 88.2 | 88.3 | 88.4 | 88.5 | 88.6 | 88.7 | 88.8 | 88.9 | 89.0 | 89.1 | 89.2 | 89.3 | 89.4 | 89.5 | 89.6 | 89.7 | 89.8 | 89.9 | 90.0 | 90.1 | 90.2 | 90.3 | 90.4 | 90.5 | 90.6 | 90.7 | 90.8 | 90.9 | 91.0 | 91.1 | 91.2 | 91.3 | 91.4 | 91.5 | 91.6 | 91.7 | 91.8 | 91.9 | 92.0 | 92.1 | 92.2 | 92.3 | 92.4 | 92.5 | 92.6 | 92.7 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 | 93.3 | 93.4 | 93.5 | 93.6 | 93.7 | 93.8 | 93.9 | 94.0 | 94.1 | 94.2 | 94.3 | 94.4 | 94.5 | 94.6 | 94.7 | 94.8 | 94.9 | 95.0 | 95.1 | 95.2 | 95.3 | 95.4 | 95.5 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 | 96.1 | 96.2 | 96.3 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 | 97.0 | 97.1 | 97.2 | 97.3 | 97.4 | 97.5 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 98.3 | 98.4 | 98.5 | 98.6 | 98.7 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.3 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|

TOTAL NUMBER OF OBSERVATIONS 637

U.S. AIR FORCE CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 FORM 1-61 (REV. 1-61)

CEILING VERSUS VISIBILITY

STATION NAME: WHEELS FIELD, KY

77-57

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

11-2-61

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 14.1 | 64.4 | 64.7 | 65.1 | 65.7 | 65.9 | 66.4 | 66.5 | 67.0 | 67.5 | 67.6 | 68.0 | 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 | 69.0 | 69.1 | 69.2 | 69.3 | 69.4 | 69.5 | 69.6 | 69.7 | 69.8 | 69.9 | 70.0 | 70.1 | 70.2 | 70.3 | 70.4 | 70.5 | 70.6 | 70.7 | 70.8 | 70.9 | 71.0 | 71.1 | 71.2 | 71.3 | 71.4 | 71.5 | 71.6 | 71.7 | 71.8 | 71.9 | 72.0 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 | 73.7 | 73.8 | 73.9 | 74.0 | 74.1 | 74.2 | 74.3 | 74.4 | 74.5 | 74.6 | 74.7 | 74.8 | 74.9 | 75.0 | 75.1 | 75.2 | 75.3 | 75.4 | 75.5 | 75.6 | 75.7 | 75.8 | 75.9 | 76.0 | 76.1 | 76.2 | 76.3 | 76.4 | 76.5 | 76.6 | 76.7 | 76.8 | 76.9 | 77.0 | 77.1 | 77.2 | 77.3 | 77.4 | 77.5 | 77.6 | 77.7 | 77.8 | 77.9 | 78.0 | 78.1 | 78.2 | 78.3 | 78.4 | 78.5 | 78.6 | 78.7 | 78.8 | 78.9 | 79.0 | 79.1 | 79.2 | 79.3 | 79.4 | 79.5 | 79.6 | 79.7 | 79.8 | 79.9 | 80.0 | 80.1 | 80.2 | 80.3 | 80.4 | 80.5 | 80.6 | 80.7 | 80.8 | 80.9 | 81.0 | 81.1 | 81.2 | 81.3 | 81.4 | 81.5 | 81.6 | 81.7 | 81.8 | 81.9 | 82.0 | 82.1 | 82.2 | 82.3 | 82.4 | 82.5 | 82.6 | 82.7 | 82.8 | 82.9 | 83.0 | 83.1 | 83.2 | 83.3 | 83.4 | 83.5 | 83.6 | 83.7 | 83.8 | 83.9 | 84.0 | 84.1 | 84.2 | 84.3 | 84.4 | 84.5 | 84.6 | 84.7 | 84.8 | 84.9 | 85.0 | 85.1 | 85.2 | 85.3 | 85.4 | 85.5 | 85.6 | 85.7 | 85.8 | 85.9 | 86.0 | 86.1 | 86.2 | 86.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.8 | 86.9 | 87.0 | 87.1 | 87.2 | 87.3 | 87.4 | 87.5 | 87.6 | 87.7 | 87.8 | 87.9 | 88.0 | 88.1 | 88.2 | 88.3 | 88.4 | 88.5 | 88.6 | 88.7 | 88.8 | 88.9 | 89.0 | 89.1 | 89.2 | 89.3 | 89.4 | 89.5 | 89.6 | 89.7 | 89.8 | 89.9 | 90.0 | 90.1 | 90.2 | 90.3 | 90.4 | 90.5 | 90.6 | 90.7 | 90.8 | 90.9 | 91.0 | 91.1 | 91.2 | 91.3 | 91.4 | 91.5 | 91.6 | 91.7 | 91.8 | 91.9 | 92.0 | 92.1 | 92.2 | 92.3 | 92.4 | 92.5 | 92.6 | 92.7 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 | 93.3 | 93.4 | 93.5 | 93.6 | 93.7 | 93.8 | 93.9 | 94.0 | 94.1 | 94.2 | 94.3 | 94.4 | 94.5 | 94.6 | 94.7 | 94.8 | 94.9 | 95.0 | 95.1 | 95.2 | 95.3 | 95.4 | 95.5 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 | 96.1 | 96.2 | 96.3 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 | 97.0 | 97.1 | 97.2 | 97.3 | 97.4 | 97.5 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 98.3 | 98.4 | 98.5 | 98.6 | 98.7 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.3 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

100

• 41

[illegible]TOTAL NUMBER OF OBSERVATIONS 67

CEILING VERSUS VISIBILITY

‘

2013

— — — — —

✓ S B . " A " E V , E :

TOTAL NUMBER OF OBSERVATIONS 412

1. LOCAL CLIMATOLOGY BRANCH
AFAC
WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

457
WFO

AT CAMPBELL NY

73-31

NOV

STATION NAME

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11-1-67

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 |
| 1000 | 5.1 | 34.1 | 37.7 | 40.4 | 42.5 | 44.2 | 44.8 | 45.2 | 45.7 | 45.7 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| 900 | 5.1 | 30.5 | 4.2 | 43.1 | 45.7 | 47.1 | 47.7 | 48.1 | 48.7 | 48.6 | 48.3 | 48.3 | 48.9 | 48.9 | 48.9 | 48.9 |
| 800 | 5.1 | 37.2 | 4.9 | 43.7 | 45.9 | 47.7 | 48.3 | 48.5 | 48.9 | 49.3 | 49.4 | 49.4 | 49.4 | 49.4 | 49.5 | 49.7 |
| 700 | 6.1 | 37.2 | 41.9 | 43.7 | 45.9 | 47.7 | 48.3 | 48.6 | 48.9 | 49.3 | 49.4 | 49.4 | 49.4 | 49.4 | 49.5 | 49.7 |
| 600 | 5.1 | 37.8 | 41.7 | 44.0 | 46.8 | 48.5 | 49.1 | 49.6 | 49.7 | 5.1 | 51.2 | 5.2 | 51.2 | 51.4 | 51.4 | 51.4 |
| 500 | 5.1 | 38.9 | 47.1 | 46.0 | 48.3 | 51.0 | 57.6 | 51.2 | 51.4 | 51.7 | 51.9 | 51.9 | 51.9 | 51.9 | 52.0 | 52.1 |
| 400 | 5.1 | 4.2 | 44.0 | 48.4 | 5.7 | 52.5 | 57.1 | 53.7 | 53.8 | 54.2 | 54.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 |
| 300 | 5.2 | 40.9 | 45.7 | 49.1 | 51.6 | 53.3 | 54.1 | 54.6 | 54.7 | 55.1 | 55.2 | 55.2 | 55.2 | 55.3 | 55.7 | 56.1 |
| 200 | 5.7 | 42.8 | 47.7 | 51.5 | 54.2 | 55.9 | 56.5 | 57.3 | 57.4 | 57.8 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| 100 | 5.1 | 44.6 | 47.5 | 53.5 | 56.2 | 57.9 | 58.8 | 59.5 | 59.8 | 60.2 | 6.4 | 6.4 | 6.4 | 6.4 | 6.5 | 6.5 |
| 0 | 5.2 | 45.1 | 5.4 | 54.4 | 57.2 | 58.9 | 59.8 | 60.5 | 60.7 | 61.1 | 61.4 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 |
| 1000 | 5.4 | 45.5 | 54.7 | 58.5 | 61.5 | 63.2 | 64.1 | 64.8 | 65.1 | 65.4 | 65.7 | 65.7 | 65.7 | 65.8 | 65.8 | 65.8 |
| 900 | 5.1 | 50.2 | 51.3 | 6.4 | 63.3 | 65.1 | 65.9 | 66.7 | 66.9 | 67.7 | 67.5 | 67.5 | 67.5 | 67.5 | 67.7 | 67.7 |
| 800 | 5.2 | 51.9 | 55.2 | 62.7 | 65.9 | 67.7 | 69.5 | 69.3 | 69.6 | 7.1 | 7.4 | 7.4 | 7.4 | 7.5 | 7.5 | 7.5 |
| 700 | 5.3 | 53.1 | 57.0 | 64.3 | 67.5 | 69.3 | 70.1 | 70.9 | 71.4 | 71.9 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 |
| 600 | 5.2 | 54.7 | 61.6 | 66.4 | 69.9 | 71.5 | 72.6 | 73.3 | 73.9 | 74.3 | 74.6 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 |
| 500 | 7.3 | 56.9 | 64.1 | 65.9 | 72.6 | 74.3 | 75.3 | 76.1 | 76.5 | 77.1 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 |
| 400 | 7.3 | 60.3 | 67.3 | 72.3 | 75.3 | 76.1 | 79.1 | 80.1 | 81.1 | 81.7 | 82.2 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 |
| 300 | 7.7 | 60.9 | 67.7 | 73.3 | 77.3 | 79.1 | 80.1 | 81.1 | 81.7 | 82.2 | 82.5 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 |
| 200 | 7.8 | 62.6 | 7.5 | 75.8 | 81.0 | 82.9 | 83.0 | 84.0 | 84.6 | 85.1 | 85.3 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 |
| 100 | 7.3 | 63.2 | 71.4 | 76.9 | 81.2 | 83.2 | 84.4 | 85.4 | 86.0 | 86.5 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 0 | 7.3 | 63.7 | 72.0 | 77.8 | 82.3 | 84.4 | 85.7 | 86.9 | 87.5 | 88.1 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 |
| 1000 | 7.7 | 64.1 | 72.3 | 78.1 | 82.8 | 85.1 | 86.3 | 87.5 | 88.3 | 88.8 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| 900 | 5.1 | 64.6 | 73.1 | 79.0 | 84.0 | 86.3 | 87.7 | 88.9 | 89.8 | 90.2 | 90.6 | 90.6 | 90.6 | 9.7 | 9.7 | 9.7 |
| 800 | 5.2 | 65.3 | 73.6 | 79.9 | 84.9 | 87.3 | 88.8 | 90.2 | 91.2 | 91.7 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 |
| 700 | 5.1 | 65.3 | 73.8 | 8.2 | 85.7 | 88.3 | 89.6 | 91.4 | 92.5 | 93.7 | 93.5 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 |
| 600 | 5.1 | 65.4 | 74.0 | 80.5 | 86.3 | 88.9 | 91.6 | 92.6 | 93.7 | 94.3 | 94.8 | 94.8 | 94.8 | 95.1 | 95.1 | 95.1 |
| 500 | 5.1 | 65.4 | 74.0 | 80.5 | 86.4 | 89.0 | 91.4 | 93.7 | 94.0 | 95.7 | 96.3 | 96.3 | 96.4 | 96.5 | 96.5 | 96.5 |
| 400 | 5.1 | 65.4 | 74.0 | 81.0 | 86.8 | 89.4 | 92.0 | 94.3 | 95.7 | 96.4 | 97.0 | 97.0 | 97.3 | 97.4 | 97.4 | 97.4 |
| 300 | 5.1 | 65.4 | 74.1 | 80.6 | 86.9 | 89.5 | 92.2 | 95.1 | 96.7 | 97.7 | 98.4 | 98.5 | 98.9 | 99.7 | 99.7 | 99.7 |
| 200 | 5.1 | 65.4 | 74.1 | 80.6 | 86.9 | 89.5 | 92.2 | 95.1 | 96.7 | 97.7 | 98.4 | 98.5 | 98.9 | 99.7 | 99.7 | 99.7 |
| 100 | 5.1 | 65.4 | 74.1 | 80.6 | 86.9 | 89.5 | 92.2 | 95.1 | 96.7 | 97.7 | 98.4 | 98.5 | 98.9 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS

617

GLOBAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

407. FT CAMPBELL NY

73-41

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| | | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | | | | | | |
|-----------|-----|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 |
| 1-1000 | 7.7 | 4.7 | 43.5 | 45.6 | 45.4 | 45.5 | 45.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 |
| 1-800 | 9.4 | 44.1 | 46.9 | 49.1 | 50.7 | 50.1 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| 1-600 | 8.4 | 44.1 | 46.9 | 49.1 | 50.7 | 50.1 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| 1-400 | 8.4 | 44.6 | 47.4 | 49.6 | 51.5 | 51.6 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 |
| 1-200 | 8.4 | 45.7 | 48.6 | 51.2 | 51.7 | 52.0 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 |
| 1-100 | 8.5 | 47.3 | 50.5 | 53.2 | 54.1 | 54.3 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| 1-50 | 8.5 | 47.9 | 51.2 | 54.0 | 54.9 | 55.2 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| 1-25 | 8.5 | 51.7 | 54.7 | 57.5 | 59.5 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| 1-15 | 8.5 | 52.3 | 55.3 | 59.1 | 61.1 | 61.4 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| 1-10 | 8.5 | 53.5 | 57.7 | 61.7 | 61.9 | 62.5 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| 1-5 | 8.5 | 53.3 | 59.8 | 63.5 | 64.7 | 65.3 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| 1-3 | 8.9 | 55.9 | 61.5 | 64.2 | 65.4 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| 1-2 | 8.9 | 58.1 | 63.6 | 66.5 | 68.7 | 68.9 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| 1-1 | 8.4 | 59.6 | 64.2 | 68.1 | 69.6 | 71.5 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| 1-0.5 | 8.4 | 61.6 | 66.9 | 71.2 | 73.1 | 74.0 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| 1-0.25 | 9.5 | 63.0 | 69.4 | 72.7 | 74.8 | 75.7 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| 1-0.15 | 9.5 | 65.6 | 71.1 | 76.2 | 76.5 | 77.4 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| 1-0.1 | 9.5 | 67.7 | 73.2 | 77.8 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| 1-0.05 | 9.5 | 69.6 | 76.5 | 81.9 | 84.6 | 85.4 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| 1-0.025 | 9.5 | 71.7 | 77.7 | 84.1 | 86.8 | 87.8 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| 1-0.015 | 9.5 | 71.7 | 78.9 | 85.1 | 88.0 | 89.1 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| 1-0.01 | 9.5 | 71.7 | 79.3 | 85.4 | 88.4 | 89.5 | 90.4 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| 1-0.005 | 9.5 | 71.9 | 79.8 | 86.2 | 89.4 | 91.7 | 92.0 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| 1-0.0025 | 9.5 | 72.2 | 81.1 | 86.7 | 91.7 | 91.7 | 93.1 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| 1-0.0015 | 9.5 | 72.2 | 82.2 | 86.9 | 90.7 | 92.7 | 94.3 | 94.9 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| 1-0.001 | 9.5 | 72.2 | 81.6 | 87.7 | 91.7 | 93.8 | 95.8 | 96.4 | 96.5 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 1-0.0005 | 9.5 | 72.2 | 81.6 | 87.7 | 91.7 | 94.1 | 96.3 | 96.9 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 1-0.00025 | 9.5 | 72.2 | 81.6 | 87.7 | 92.2 | 94.7 | 97.3 | 97.9 | 98.0 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 1-0.00015 | 9.5 | 72.2 | 81.6 | 87.7 | 92.2 | 94.7 | 97.4 | 98.1 | 98.5 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 1-0.0001 | 9.5 | 72.2 | 81.6 | 87.7 | 92.2 | 94.7 | 97.4 | 98.1 | 98.5 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |

TOTAL NUMBER OF OBSERVATIONS 61

JOINT CLIMATE LOGISTICS BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14471
STATION

FT CAMPBELL KY

73-81

N

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-22-14471

| CEILING FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 22 | 21 | 20 | 20 | 19 | 18 | 17 | 16 | 15 | 14 |
| 1000 | 43.5 | 42.7 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 |
| 900 | 41.3 | 54.1 | 55.4 | 55.9 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| 800 | 11.2 | 54.2 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| 700 | 11.3 | 54.2 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| 600 | 11.2 | 55.3 | 55.7 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| 500 | 11.2 | 59.7 | 58.1 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| 400 | 11.2 | 57.8 | 59.1 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| 300 | 11.2 | 58.5 | 61.0 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| 200 | 11.2 | 60.4 | 62.5 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| 100 | 12.3 | 61.7 | 64.3 | 64.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| 0 | 12.3 | 63.1 | 65.7 | 66.5 | 67.2 | 67.3 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 900 | 12.3 | 64.0 | 66.9 | 67.9 | 68.5 | 68.6 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| 800 | 12.7 | 64.8 | 67.8 | 68.8 | 69.4 | 69.5 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| 700 | 12.7 | 65.8 | 68.8 | 71.1 | 71.6 | 71.7 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| 600 | 12.7 | 67.1 | 71.1 | 71.2 | 71.9 | 72.1 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| 500 | 13.1 | 68.9 | 72.5 | 74.1 | 74.9 | 75.1 | 75.7 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| 400 | 13.2 | 72.3 | 76.2 | 77.8 | 78.6 | 78.8 | 79.4 | 79.4 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| 300 | 13.2 | 75.2 | 79.1 | 81.1 | 81.9 | 82.2 | 82.8 | 82.8 | 82.8 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| 200 | 13.2 | 75.6 | 79.6 | 81.6 | 82.6 | 83.1 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| 100 | 13.2 | 77.0 | 82.1 | 84.0 | 85.8 | 86.2 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 0 | 13.2 | 78.3 | 84.7 | 87.3 | 88.5 | 89.0 | 89.6 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| 900 | 13.2 | 78.8 | 84.6 | 88.4 | 90.1 | 90.9 | 91.6 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| 800 | 13.2 | 79.1 | 85.1 | 89.1 | 91.9 | 91.7 | 92.7 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| 700 | 13.2 | 79.6 | 85.6 | 89.9 | 91.4 | 92.7 | 93.8 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 |
| 600 | 13.2 | 79.6 | 85.7 | 90.0 | 92.0 | 93.3 | 94.4 | 94.5 | 94.7 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 |
| 500 | 13.2 | 79.8 | 85.9 | 90.4 | 92.7 | 94.1 | 95.2 | 95.2 | 96.1 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 |
| 400 | 13.2 | 79.8 | 85.9 | 90.9 | 93.8 | 95.2 | 96.7 | 97.4 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 |
| 300 | 13.2 | 79.9 | 86.1 | 91.1 | 94.1 | 95.4 | 96.9 | 97.8 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| 200 | 13.2 | 79.9 | 86.1 | 91.2 | 94.6 | 95.9 | 97.7 | 98.5 | 99.1 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 100 | 13.2 | 79.9 | 86.1 | 91.2 | 94.6 | 95.9 | 97.7 | 98.5 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 0 | 13.2 | 79.9 | 86.1 | 91.2 | 94.6 | 95.9 | 97.7 | 98.5 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
 COMETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1407. FT CAMPBELL KY

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

110-1700

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 |
| 100 | 11.4 | 53.7 | 51.2 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| 200 | 12.1 | 55.2 | 56.9 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| 300 | 12.1 | 56.2 | 56.9 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| 400 | 12.1 | 56.9 | 59.1 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| 500 | 12.2 | 58.1 | 59.5 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| 600 | 13.1 | 60.5 | 62.2 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| 700 | 13.1 | 60.7 | 62.5 | 62.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 800 | 13.3 | 63.6 | 65.9 | 66.3 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| 900 | 13.7 | 65.1 | 67.8 | 68.1 | 68.4 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| 1000 | 13.7 | 66.0 | 69.0 | 69.4 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| 1100 | 13.3 | 67.5 | 71.5 | 71.9 | 71.5 | 71.5 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| 1200 | 14.4 | 69.5 | 72.8 | 73.2 | 73.8 | 73.8 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 1300 | 14.3 | 72.0 | 75.3 | 75.9 | 76.9 | 77.7 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| 1400 | 14.7 | 73.0 | 76.5 | 77.4 | 78.5 | 78.5 | 79.7 | 79.7 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| 1500 | 14.3 | 74.9 | 78.8 | 79.8 | 81.1 | 81.2 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| 1600 | 14.4 | 76.5 | 81.7 | 82.0 | 83.5 | 83.6 | 84.2 | 84.4 | 84.4 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| 1700 | 14.9 | 77.3 | 81.9 | 83.3 | 84.7 | 85.1 | 85.8 | 86.0 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| 1800 | 14.9 | 77.5 | 82.2 | 83.8 | 85.7 | 85.9 | 86.8 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| 1900 | 15.1 | 78.6 | 83.5 | 86.0 | 88.1 | 88.4 | 89.3 | 89.5 | 89.5 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| 2000 | 15.1 | 79.6 | 85.2 | 88.1 | 91.0 | 91.2 | 92.2 | 92.5 | 92.6 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| 2100 | 15.1 | 79.8 | 85.6 | 88.9 | 92.7 | 92.2 | 93.2 | 93.5 | 93.5 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| 2200 | 15.1 | 79.9 | 85.8 | 89.1 | 92.2 | 92.5 | 93.5 | 93.7 | 93.8 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| 2300 | 15.1 | 80.0 | 86.0 | 89.6 | 93.0 | 93.2 | 94.3 | 94.7 | 94.8 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| 2400 | 15.1 | 80.0 | 86.2 | 89.8 | 93.2 | 93.5 | 94.6 | 94.9 | 95.1 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 2500 | 15.2 | 81.1 | 86.4 | 91.1 | 93.6 | 94.1 | 95.3 | 95.9 | 96.3 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 2600 | 15.2 | 80.2 | 86.5 | 91.5 | 94.2 | 94.8 | 96.2 | 97.7 | 97.4 | 98.1 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| 2700 | 15.3 | 83.2 | 86.7 | 90.6 | 94.7 | 95.7 | 97.2 | 98.0 | 98.4 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| 2800 | 15.2 | 83.2 | 86.7 | 90.6 | 94.7 | 95.7 | 97.2 | 98.1 | 98.5 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 |
| 2900 | 15.2 | 83.2 | 86.7 | 90.6 | 94.7 | 95.7 | 97.2 | 98.1 | 98.5 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 |
| 3000 | 15.2 | 83.2 | 86.7 | 90.6 | 94.7 | 95.7 | 97.2 | 98.1 | 98.5 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 810

CLIMATE CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

46717 FT CAMPBELL KY

73-31

1951

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10-1-51

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 200 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 20000 | 8.4 | 52.3 | 57.6 | 54.4 | 54.6 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| 18000 | 8.3 | 53.5 | 57.4 | 58.4 | 58.5 | 58.3 | 58.5 | 58.3 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| 16000 | 8.3 | 55.7 | 57.5 | 58.5 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| 14000 | 8.3 | 55.7 | 57.5 | 58.5 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| 12000 | 8.3 | 57.0 | 57.9 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| 10000 | 8.3 | 57.3 | 59.1 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| 8000 | 9.3 | 61.2 | 61.1 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| 6000 | 9.9 | 61.4 | 61.2 | 62.8 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 4000 | 10.2 | 63.5 | 64.4 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| 2000 | 10.3 | 64.3 | 65.3 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| 1000 | 11.2 | 66.7 | 67.4 | 69.4 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| 500 | 11.4 | 69.4 | 71.7 | 72.7 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 250 | 11.1 | 70.6 | 72.3 | 74.4 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| 100 | 11.3 | 73.6 | 75.7 | 78.5 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| 50 | 11.6 | 76.3 | 78.6 | 81.5 | 82.3 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| 25 | 11.4 | 76.6 | 79.1 | 82.2 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| 10 | 11.6 | 78.4 | 81.9 | 84.1 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| 5 | 11.6 | 79.1 | 81.6 | 85.3 | 87.2 | 87.3 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| 2 | 11.6 | 79.5 | 82.1 | 85.8 | 87.7 | 87.8 | 87.9 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| 1 | 11.6 | 79.9 | 82.7 | 86.7 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| 0.5 | 11.6 | 81.1 | 84.3 | 88.3 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| 0.25 | 11.6 | 81.7 | 85.1 | 89.3 | 91.5 | 91.9 | 92.1 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| 0.1 | 11.3 | 81.9 | 85.2 | 89.6 | 92.1 | 92.5 | 92.8 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| 0.05 | 11.6 | 82.1 | 85.4 | 90.1 | 92.8 | 93.3 | 93.7 | 94.0 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| 0.025 | 11.6 | 82.3 | 85.8 | 91.7 | 93.6 | 94.1 | 94.4 | 94.7 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| 0.01 | 11.4 | 82.3 | 85.9 | 91.4 | 94.4 | 94.9 | 95.6 | 95.6 | 95.6 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| 0.005 | 11.6 | 82.3 | 85.9 | 91.6 | 94.8 | 95.3 | 95.9 | 96.2 | 96.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| 0.0025 | 11.4 | 82.3 | 85.9 | 91.7 | 94.9 | 95.4 | 96.0 | 96.7 | 96.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 0.001 | 11.6 | 82.3 | 85.9 | 91.7 | 94.9 | 95.7 | 96.5 | 97.3 | 97.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 0.0005 | 11.6 | 82.3 | 85.9 | 91.7 | 94.9 | 95.7 | 96.7 | 97.7 | 97.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 0.00025 | 11.6 | 82.3 | 85.9 | 91.7 | 94.9 | 95.7 | 96.7 | 97.7 | 97.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |

TOTAL NUMBER OF OBSERVATIONS 51

GENERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIRCRAFT SERVICE/MAC

CEILING VERSUS VISIBILITY

467 FT CAMPBELL KY

73-51

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-2-2000

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| ≥1000 | 7.7 | 51.0 | 57.1 | 54.1 | 54.8 | 54.9 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.4 |
| 900 | 8.4 | 54.6 | 55.9 | 57.9 | 58.6 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 59.3 |
| 800 | 8.4 | 54.7 | 56.0 | 58.0 | 58.8 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.4 |
| 700 | 8.4 | 54.7 | 56.0 | 58.0 | 58.8 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.4 |
| 600 | 8.4 | 55.0 | 56.5 | 58.5 | 59.3 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.9 |
| 500 | 8.4 | 55.4 | 56.8 | 58.9 | 59.6 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 60.2 |
| 400 | 9.3 | 59.6 | 61.0 | 63.5 | 64.2 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.7 |
| 300 | 9.4 | 59.9 | 61.2 | 63.7 | 64.4 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 65.1 |
| 200 | 9.4 | 51.5 | 63.0 | 65.0 | 66.5 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 67.4 |
| 100 | 9.4 | 62.7 | 64.2 | 67.3 | 68.1 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 69.0 |
| ≥5000 | 9.4 | 64.2 | 66.0 | 68.9 | 70.0 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.9 |
| 4000 | 9.5 | 60.9 | 62.9 | 72.0 | 73.6 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 74.4 |
| 3000 | 10.1 | 63.1 | 70.4 | 73.5 | 75.1 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.9 |
| 2000 | 10.1 | 70.4 | 73.0 | 76.5 | 78.3 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 79.4 |
| 1500 | 10.5 | 72.1 | 75.2 | 78.9 | 80.6 | 80.7 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.7 |
| 1000 | 10.7 | 73.5 | 75.5 | 80.4 | 82.1 | 82.2 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 83.1 |
| 500 | 10.7 | 74.9 | 77.3 | 82.1 | 83.8 | 84.0 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.9 |
| 200 | 11.1 | 77.0 | 80.7 | 84.8 | 86.8 | 86.9 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.9 |
| 100 | 11.3 | 77.3 | 81.2 | 85.3 | 87.3 | 87.4 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 88.5 |
| 50 | 11.3 | 73.9 | 83.0 | 87.2 | 89.1 | 89.3 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 90.5 |
| 20 | 11.3 | 77.5 | 83.6 | 88.1 | 90.0 | 90.1 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.7 |
| 10 | 11.3 | 79.8 | 84.0 | 88.8 | 91.2 | 91.4 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.7 |
| 5 | 11.3 | 79.8 | 84.0 | 88.8 | 91.2 | 91.4 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.7 |
| 2 | 11.3 | 80.2 | 84.6 | 89.5 | 92.2 | 92.3 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.7 |
| 1 | 11.3 | 80.4 | 84.7 | 89.8 | 92.7 | 93.0 | 93.8 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.7 |
| 0.5 | 11.3 | 81.0 | 85.6 | 90.6 | 94.0 | 94.2 | 95.6 | 95.6 | 95.9 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 97.0 |
| 0.2 | 11.3 | 81.0 | 85.7 | 90.7 | 94.1 | 94.6 | 96.0 | 96.4 | 96.5 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.8 |
| 0.1 | 11.3 | 81.0 | 85.7 | 90.7 | 94.2 | 94.7 | 96.2 | 96.7 | 96.8 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 98.1 |
| 0.05 | 11.3 | 81.0 | 85.7 | 90.7 | 94.2 | 94.7 | 96.5 | 97.2 | 97.3 | 97.9 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 99.1 |
| 0.02 | 11.3 | 81.0 | 85.7 | 90.7 | 94.2 | 94.7 | 96.5 | 97.2 | 97.3 | 97.9 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 99.1 |
| 0.01 | 11.3 | 81.0 | 85.7 | 90.7 | 94.2 | 94.7 | 96.5 | 97.2 | 97.3 | 97.9 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 99.1 |

TOTAL NUMBER OF OBSERVATIONS 817

JOINT CLIMATOLOGY BRANCH
USAF ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1487 FT CAMPBELL KY

73-81

N.Y.

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

ALL

| | | VISIBILITY STATISTICS | | | | | | | | | | | | | | | |
|------|------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 20 | 26 | 21 | 24 | 21 | 22 | 22 | 2 | 21 | 21 | 24 | 24 | 2 | 25 | 6 | 1 |
| 1000 | 8.1 | 40.2 | 40.8 | 49.8 | 57.5 | 57.9 | 51.1 | 51.2 | 51.7 | 51.2 | 51.3 | 51.3 | 51.3 | 51.7 | 51.7 | 1.5 | |
| 900 | 8.4 | 50.3 | 51.9 | 53.7 | 54.6 | 54.9 | 55.7 | 55.1 | 55.7 | 55.2 | 55.2 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | |
| 800 | 8.3 | 50.2 | 52.1 | 54.0 | 54.8 | 55.1 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.7 |
| 700 | 3.3 | 50.2 | 52.1 | 54.2 | 54.8 | 55.1 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.7 |
| 600 | 5.5 | 5.8 | 57.8 | 54.7 | 55.6 | 55.5 | 55.5 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.4 |
| 500 | 5.4 | 51.6 | 53.7 | 55.6 | 56.5 | 56.8 | 57.1 | 57.1 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.4 |
| 400 | 8.1 | 53.8 | 55.2 | 53.4 | 52.4 | 52.7 | 52.8 | 61.0 | 67.7 | 60.0 | 57.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.7 |
| 300 | 2.1 | 54.2 | 56.6 | 56.8 | 59.8 | 61.1 | 62.3 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| 200 | 2.3 | 56.5 | 52.5 | 61.2 | 63.0 | 63.3 | 63.5 | 63.6 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 64.0 |
| 100 | 9.4 | 59.2 | 61.1 | 63.5 | 64.6 | 64.9 | 65.2 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.5 | 65.5 | 65.7 |
| 000 | 9.4 | 59.2 | 62.4 | 64.2 | 65.2 | 65.6 | 66.9 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.4 |
| 1000 | 2.5 | 61.9 | 65.2 | 68.4 | 69.5 | 69.9 | 71.2 | 71.3 | 71.4 | 71.4 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.7 |
| 900 | 9.2 | 63.2 | 66.7 | 69.5 | 71.1 | 71.5 | 71.7 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.3 |
| 800 | 1.1 | 65.4 | 67.1 | 72.3 | 74.0 | 74.4 | 74.8 | 75.0 | 75.0 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.4 |
| 700 | 11.2 | 66.3 | 71.7 | 74.1 | 75.7 | 76.2 | 76.6 | 76.7 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.0 |
| 600 | 10.4 | 65.4 | 72.5 | 76.2 | 75.1 | 75.6 | 79.7 | 79.2 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.7 |
| 500 | 12.5 | 72.1 | 74.6 | 79.2 | 80.2 | 80.7 | 81.1 | 81.3 | 81.4 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.4 |
| 400 | 10.2 | 72.3 | 77.1 | 80.9 | 83.2 | 83.7 | 84.2 | 84.5 | 84.6 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 85.0 |
| 300 | 10.7 | 72.9 | 77.7 | 81.6 | 83.9 | 84.5 | 85.0 | 85.2 | 85.3 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 | 85.8 |
| 200 | 11.1 | 74.3 | 79.5 | 83.8 | 86.3 | 86.8 | 87.4 | 87.7 | 87.8 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.2 |
| 100 | 10.1 | 75.1 | 82.7 | 85.3 | 88.7 | 86.6 | 89.3 | 89.6 | 89.7 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.2 |
| 000 | 10.3 | 75.6 | 81.3 | 86.2 | 87.2 | 89.9 | 92.6 | 91.0 | 91.1 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.6 |
| 1000 | 1.3 | 75.7 | 81.5 | 86.6 | 89.5 | 90.4 | 91.2 | 91.5 | 91.7 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.2 |
| 900 | 1.3 | 76.1 | 82.1 | 87.2 | 91.4 | 91.4 | 92.2 | 92.6 | 92.6 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.4 |
| 800 | 10.3 | 76.3 | 82.4 | 87.7 | 91.7 | 92.0 | 93.7 | 93.5 | 93.7 | 93.9 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.3 |
| 700 | 10.3 | 76.5 | 82.6 | 88.1 | 91.7 | 92.8 | 93.9 | 94.6 | 94.8 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.6 |
| 600 | 11.3 | 76.9 | 82.7 | 88.4 | 92.2 | 93.4 | 94.7 | 95.5 | 95.8 | 96.2 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.6 |
| 500 | 10.3 | 76.5 | 82.8 | 88.5 | 92.4 | 93.6 | 95.1 | 96.0 | 96.4 | 97.0 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.6 |
| 400 | 11.4 | 75.5 | 82.8 | 88.6 | 92.7 | 94.1 | 95.8 | 96.8 | 97.2 | 97.8 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.5 |
| 300 | 10.1 | 76.5 | 82.8 | 88.6 | 92.8 | 94.2 | 96.7 | 97.2 | 97.7 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.0 |
| 200 | 10.1 | 76.5 | 82.8 | 88.6 | 92.8 | 94.2 | 96.7 | 97.2 | 97.7 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 |
| 100 | 11.3 | 76.5 | 81.8 | 88.6 | 92.8 | 94.2 | 96.0 | 97.2 | 97.7 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 |

TOTAL NUMBER OF OBSERVATIONS 648

CEILING VERSUS VISIBILITY

'z-z]

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

S. H. S. A. T. V. {

TOTAL NUMBER OF OBSERVATIONS 677

1. ALBUQUERQUE BRANCH
2. TAC
3. ATATION SERVICE /MAC

CEILING VERSUS VISIBILITY

4. ST CAMPBELL NY

5. 12-51

6. 015

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7. 12-5502

| | | VISIBILITY (STAT MILES) | | | | | | | | | | | | | | | |
|----|-----|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 |
| 1 | 3.1 | 47.4 | 41.4 | 43.9 | 48. | 47. | 48.2 | 49.2 | 49.7 | 49.5 | 49.7 | 47.5 | 47.5 | 47.7 | 49.6 | 49.5 | |
| 2 | 4.1 | 47.1 | 57.2 | 57.7 | 57.8 | 58.2 | 51.0 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| 3 | 4.3 | 49.1 | 57.7 | 57.7 | 57.8 | 58.2 | 51.0 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| 4 | 4.1 | 47.1 | 57.2 | 57.7 | 57.8 | 58.2 | 51.0 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| 5 | 4.4 | 43.2 | 57.4 | 57.5 | 51.7 | 51. | 51.3 | 51.3 | 51.7 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 |
| 6 | 4.4 | 43.2 | 57.4 | 57.5 | 51.7 | 51. | 51.3 | 51.3 | 51.7 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 |
| 7 | 4.7 | 51.4 | 57.8 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 8 | 4.4 | 51.5 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 9 | 4.5 | 57.3 | 54.7 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| 10 | 4.5 | 54.1 | 55.6 | 56.1 | 56.2 | 56.2 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| 11 | 4.5 | 55.3 | 54.4 | 54.9 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| 12 | 4.1 | 53.3 | 57.7 | 57.4 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| 13 | 5.1 | 57.4 | 61.7 | 61.3 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| 14 | 5.3 | 51.0 | 63.7 | 64.4 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| 15 | 5.4 | 63.1 | 67.7 | 65.9 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| 16 | 5.2 | 67.1 | 67.6 | 65.4 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| 17 | 5.7 | 63.3 | 71. | 71.3 | 71.3 | 71.4 | 73.1 | 73.1 | 73.1 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| 18 | 7.2 | 71.2 | 74.1 | 75.3 | 76.1 | 76.1 | 76.8 | 76.8 | 76.8 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| 19 | 7.7 | 72.3 | 75.7 | 76.5 | 77.4 | 77.5 | 79.3 | 79.3 | 79.3 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| 20 | 7.1 | 73.4 | 73.5 | 79.6 | 82.8 | 81.2 | 82.2 | 82.2 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| 21 | 7.2 | 77.4 | 81.1 | 82.4 | 83.6 | 84.1 | 85.1 | 85.1 | 85.1 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| 22 | 7.1 | 73.9 | 83.2 | 85.4 | 85.9 | 87.5 | 88.6 | 88.6 | 88.6 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| 23 | 7.4 | 77.2 | 87.5 | 85.8 | 87.6 | 88.2 | 89.4 | 89.4 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 24 | 7.2 | 79.5 | 84.7 | 86.7 | 89.1 | 89.8 | 91.2 | 91.2 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| 25 | 7.3 | 79.9 | 85.1 | 88.1 | 91.7 | 91.9 | 93.4 | 93.4 | 93.4 | 93.9 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| 26 | 7.2 | 79.9 | 85.1 | 88.3 | 91.3 | 93.2 | 94.9 | 95.2 | 95.2 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 27 | 7.3 | 79.9 | 85.1 | 88.4 | 91.8 | 94.5 | 96.4 | 96.8 | 96.8 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 28 | 7.5 | 79.9 | 85.1 | 88.6 | 92.7 | 94.7 | 96.8 | 97.4 | 97.4 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 29 | 7.5 | 79.9 | 85.1 | 88.6 | 92.7 | 94.7 | 96.8 | 97.5 | 97.5 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 30 | 7.5 | 79.9 | 85.1 | 88.6 | 92.7 | 94.7 | 96.8 | 97.5 | 97.5 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |

TOTAL NUMBER OF OBSERVATIONS 77

CEILING VERSUS VISIBILITY

—

— 222 —

• • • • •

[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAF F-4A 0-14-5 POL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2000/01/01

CEILING VERSUS VISIBILITY

٢٠٠

—

—

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SAF FAF 0-145 OL A previous spot with the same name and description

1. NAME OF METEOROLOGICAL STATION
 2. ICAO
 3. CITY AND COUNTRY

CEILING VERSUS VISIBILITY

4. DATE
 5. TIME
 6. NAME OF OBSERVER

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 0 | UNKN |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 1.1 | 41.7 | 41.6 | 43.2 | 45.7 | 46.2 | 46.2 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| 900 | 7.1 | 40.1 | 41.7 | 45.7 | 45.7 | 46.2 | 46.2 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| 800 | 7.1 | 40.1 | 41.7 | 45.7 | 45.7 | 46.2 | 46.2 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| 700 | 7.1 | 40.1 | 41.7 | 45.7 | 45.7 | 46.2 | 46.2 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| 600 | 7.1 | 40.1 | 41.7 | 45.7 | 45.7 | 46.2 | 46.2 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| 500 | 7.1 | 40.1 | 41.7 | 45.7 | 45.7 | 46.2 | 46.2 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| 400 | 7.1 | 40.1 | 41.7 | 45.7 | 45.7 | 46.2 | 46.2 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| 300 | 7.1 | 40.1 | 41.7 | 45.7 | 45.7 | 46.2 | 46.2 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| 200 | 7.1 | 40.1 | 41.7 | 45.7 | 45.7 | 46.2 | 46.2 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| 100 | 7.1 | 40.1 | 41.7 | 45.7 | 45.7 | 46.2 | 46.2 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| 0 | 7.1 | 40.1 | 41.7 | 45.7 | 45.7 | 46.2 | 46.2 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| UNKN | 7.1 | 40.1 | 41.7 | 45.7 | 45.7 | 46.2 | 46.2 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

٢٠٠١

- 2 -

9-1722

[illegible]TOTAL NUMBER OF OBSERVATIONS 10

USAF ETAC 0-14.5 IOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JOINT CLIMATELOGY BRANCH
ETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME FT CAMPBELL KY

73-51

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 200 | 250 |
| 10 | 8.2 | 49.3 | 41.6 | 49.7 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| 20 | 6.7 | 50.7 | 51.7 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| 30 | 5.8 | 52.4 | 57.1 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| 40 | 6.7 | 52.9 | 57.4 | 53.5 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| 50 | 7.3 | 53.7 | 54.2 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| 60 | 7.4 | 55.4 | 57.7 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 70 | 7.8 | 55.5 | 57.1 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| 80 | 7.9 | 55.3 | 59.1 | 54.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| 90 | 8.1 | 55.3 | 61.4 | 62.3 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| 100 | 8.2 | 61.3 | 67.4 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| 120 | 8.1 | 63.3 | 64.4 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| 140 | 8.1 | 64.4 | 65.1 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 160 | 8.3 | 65.9 | 69.5 | 69.7 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| 180 | 8.7 | 64.3 | 71.6 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| 200 | 9.1 | 71.2 | 72.9 | 74.3 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| 250 | 4.7 | 73.4 | 73.7 | 77.2 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| 300 | 4.8 | 75.7 | 81.4 | 82.4 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| 350 | 5.7 | 77.1 | 81.6 | 83.1 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| 400 | 7.1 | 75.2 | 87.4 | 84.3 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| 450 | 7.5 | 75.9 | 87.4 | 86.5 | 87.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| 500 | 8.1 | 79.7 | 84.7 | 87.9 | 83.6 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| 550 | 8.8 | 81.1 | 85.7 | 88.5 | 89.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| 600 | 9.3 | 81.7 | 85.9 | 89.3 | 90.5 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| 650 | 9.4 | 81.3 | 86.1 | 90.5 | 92.8 | 93.9 | 94.7 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| 700 | 9.6 | 81.3 | 86.9 | 91.6 | 92.7 | 94.4 | 95.2 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| 750 | 9.7 | 81.3 | 86.9 | 91.7 | 94.7 | 96.3 | 97.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 800 | 9.8 | 81.3 | 86.9 | 91.7 | 94.7 | 96.4 | 97.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 850 | 9.9 | 81.3 | 86.9 | 91.7 | 94.7 | 96.4 | 98.7 | 98.9 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 900 | 9.9 | 81.3 | 86.9 | 91.7 | 94.7 | 96.4 | 98.7 | 98.9 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 950 | 9.9 | 81.3 | 86.9 | 91.7 | 94.7 | 96.4 | 98.7 | 98.9 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |

TOTAL NUMBER OF OBSERVATIONS 134

U.S. AIR FORCE CLIMATOLOGY BRANCH
 WAFB
 3. WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

STATION NAME
 FT CAMPBELL KY

73-01

2-6

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1-2-1977

| VISIBILITY | VISIBILITY STATE MILES | | | | | | | | | | | | | | | |
|------------|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 |
| 1.0 | 5.1 | 48.1 | 42.4 | 45.2 | 57.1 | 50.1 | 37.1 | 50.1 | 57.7 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 |
| 1.5 | 5.1 | 5.7 | 52.1 | 52.5 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| 2.0 | 5.1 | 5.7 | 52.1 | 52.5 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| 2.5 | 5.1 | 5.7 | 52.1 | 52.5 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| 3.0 | 5.1 | 51.3 | 52.6 | 53.1 | 57.4 | 50.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| 3.5 | 5.1 | 51.4 | 57.5 | 73.2 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 4.0 | 5.1 | 54.4 | 55.0 | 56.2 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| 4.5 | 5.1 | 54.4 | 55.2 | 56.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| 5.0 | 5.1 | 56.8 | 59.8 | 59.4 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| 5.5 | 5.1 | 57.3 | 59.2 | 59.8 | 67.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| 6.0 | 5.1 | 58.5 | 61.7 | 61.8 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| 6.5 | 5.1 | 6.3 | 67.2 | 63.2 | 67.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| 7.0 | 5.5 | 67.9 | 67.2 | 63.2 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| 7.5 | 7.1 | 63.7 | 65.2 | 67.4 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| 8.0 | 7.1 | 64.9 | 67.7 | 68.2 | 67.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| 8.5 | 7.4 | 67.1 | 69.7 | 71.4 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| 9.0 | 7.8 | 67.7 | 72.4 | 73.7 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| 9.5 | 7.3 | 73.4 | 76.9 | 78.2 | 79.3 | 79.3 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| 10.0 | 7.3 | 75.1 | 79.5 | 80.1 | 81.3 | 81.3 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| 10.5 | 7.3 | 76.7 | 81.7 | 82.9 | 84.4 | 84.4 | 84.5 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| 11.0 | 7.3 | 77.1 | 82.1 | 83.6 | 85.6 | 85.6 | 85.7 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 11.5 | 7.3 | 77.9 | 83.2 | 85.4 | 87.8 | 87.8 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| 12.0 | 7.3 | 78.3 | 83.9 | 86.5 | 89.2 | 89.4 | 89.6 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| 12.5 | 7.3 | 78.7 | 84.3 | 87.1 | 90.0 | 90.5 | 90.8 | 90.9 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| 13.0 | 7.3 | 79.1 | 85.3 | 88.2 | 91.5 | 92.2 | 92.8 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| 13.5 | 7.3 | 79.1 | 85.7 | 89.2 | 92.8 | 93.6 | 94.5 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| 14.0 | 7.3 | 79.1 | 85.7 | 89.6 | 93.3 | 94.7 | 95.9 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| 14.5 | 7.3 | 79.1 | 85.9 | 89.8 | 94.7 | 95.6 | 96.8 | 97.2 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 15.0 | 7.3 | 79.1 | 85.9 | 89.8 | 94.7 | 95.6 | 96.8 | 97.4 | 97.8 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 15.5 | 7.3 | 79.1 | 85.9 | 89.8 | 94.7 | 95.6 | 96.8 | 97.4 | 97.8 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 16.0 | 7.3 | 79.3 | 86.7 | 89.9 | 94.1 | 95.7 | 97.2 | 98.1 | 98.6 | 98.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 16.5 | 7.3 | 79.3 | 86.7 | 89.9 | 94.1 | 95.7 | 97.2 | 98.1 | 98.6 | 98.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 21

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION NAME
FT CAMPBELL KY

73-51

0-6

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| ELEVATION FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 0-4 | 5.3 | 45.4 | 45.4 | 46.2 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 |
| 4-8 | 5.3 | 45.7 | 45.8 | 46.3 | 47.5 | 47.5 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 |
| 8-12 | 5.3 | 43.8 | 57.7 | 57.5 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| 12-16 | 5.3 | 48.9 | 57.7 | 57.5 | 57.7 | 57.7 | 57.9 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| 16-20 | 5.3 | 47.4 | 57.5 | 57.1 | 57.2 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| 20-24 | 6.2 | 51.3 | 51.6 | 52.1 | 52.3 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| 24-28 | 6.2 | 53.1 | 54.3 | 54.9 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| 28-32 | 6.2 | 52.3 | 54.6 | 55.2 | 55.4 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| 32-36 | 6.2 | 55.2 | 55.7 | 57.4 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| 36-40 | 6.2 | 56.4 | 57.6 | 58.6 | 58.8 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| 40-44 | 6.2 | 57.4 | 59.1 | 59.8 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| 44-48 | 6.2 | 59.6 | 61.7 | 62.3 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| 48-52 | 6.2 | 60.5 | 62.3 | 63.3 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| 52-56 | 7.1 | 61.3 | 64.3 | 65.4 | 65.7 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| 56-60 | 7.1 | 63.7 | 65.4 | 66.9 | 67.2 | 67.2 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| 60-64 | 7.4 | 65.9 | 68.2 | 69.5 | 69.9 | 70.0 | 70.1 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| 64-68 | 8.1 | 66.3 | 70.9 | 72.2 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| 68-72 | 8.1 | 71.3 | 74.5 | 76.2 | 76.9 | 77.0 | 77.2 | 77.3 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| 72-76 | 8.5 | 72.2 | 75.5 | 77.2 | 78.1 | 78.1 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| 76-80 | 8.4 | 74.7 | 77.6 | 79.6 | 81.6 | 81.9 | 82.1 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| 80-84 | 8.5 | 76.1 | 80.8 | 82.9 | 84.2 | 84.5 | 84.8 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| 84-88 | 8.5 | 77.2 | 82.1 | 85.0 | 86.7 | 87.1 | 87.5 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| 88-92 | 8.5 | 77.6 | 82.7 | 85.5 | 87.7 | 88.3 | 88.7 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| 92-96 | 8.5 | 77.9 | 87.2 | 88.6 | 88.9 | 89.8 | 90.3 | 90.8 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| 96-100 | 9.1 | 73.3 | 83.9 | 87.6 | 90.7 | 91.4 | 92.1 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| 100-104 | 8.5 | 73.3 | 84.2 | 88.2 | 91.7 | 92.4 | 93.3 | 94.1 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| 104-108 | 8.5 | 73.5 | 84.5 | 88.8 | 92.2 | 93.8 | 95.1 | 96.1 | 96.7 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 108-112 | 8.5 | 78.5 | 84.6 | 89.1 | 92.9 | 94.6 | 96.1 | 97.2 | 97.4 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| 112-116 | 8.5 | 78.5 | 84.6 | 89.2 | 93.7 | 94.8 | 96.3 | 97.5 | 97.7 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 116-120 | 8.5 | 78.5 | 84.6 | 89.2 | 93.7 | 94.8 | 96.3 | 97.6 | 98.0 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 120-124 | 8.5 | 78.5 | 84.6 | 89.2 | 93.7 | 94.8 | 96.3 | 97.6 | 98.0 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |

TOTAL NUMBER OF OBSERVATIONS 660

LIEPARD CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: FT CAMPBELL KY

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1/2 | 3/8 | 2/5 | 1/4 | 3/10 | 1/3 | 2/7 | 1/5 | 3/11 | 1/4 | 2/9 | 1/3 | 2/7 | 1/5 | 3/11 | 1/4 |
| 1000 | 4.3 | 48.2 | 47.7 | 52.1 | 53.8 | 54.3 | 54.8 | 55.2 | 55.3 | 55.5 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.8 |
| 900 | 4.3 | 47.9 | 54.3 | 57.3 | 57.3 | 57.9 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 800 | 4.3 | 47.9 | 54.4 | 57.3 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 700 | 4.3 | 47.9 | 54.4 | 57.3 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 600 | 4.3 | 47.9 | 54.4 | 57.3 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 500 | 4.3 | 47.9 | 54.4 | 57.3 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 400 | 4.3 | 47.9 | 54.4 | 57.3 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 300 | 4.3 | 47.9 | 54.4 | 57.3 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 200 | 4.3 | 47.9 | 54.4 | 57.3 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 100 | 4.3 | 47.9 | 54.4 | 57.3 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 0 | 4.3 | 47.9 | 54.4 | 57.3 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |

TOTAL NUMBER OF OBSERVATIONS 7-88

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN,
OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

SKY COVER

۷۱۲.

| MONTH | HOURS LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS IN PERCENT | TOTAL PERCENT | |
|--------|--------------|---|---|---|------|---|---|---|---|---|------|------------------------------|------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JAN | -02 | 25.9 | | | 11.6 | | | | | | 9.1 | 53.4 | 6.5 | 672 |
| | 03-05 | 26.9 | | | 11.5 | | | | | | 7.9 | 54.7 | 6.5 | 671 |
| | 06-08 | 15.8 | | | 20.7 | | | | | | 12.9 | 57.5 | 6.8 | 674 |
| | 09-11 | 9.9 | | | 22.0 | | | | | | 17.7 | 51.1 | 7.3 | 637 |
| | 12-14 | 11.7 | | | 19.7 | | | | | | 19.6 | 49.7 | 7.3 | 637 |
| | 15-17 | 17.8 | | | 20.8 | | | | | | 20.5 | 47.6 | 7.3 | 637 |
| | 18-20 | 18.8 | | | 17.8 | | | | | | 15.2 | 48.1 | 6.7 | 633 |
| | 21-23 | 25.4 | | | 13.9 | | | | | | 9.2 | 51.6 | 6.4 | 631 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 18.1 | | | 17.1 | | | | | | 13.9 | 50.9 | 6.9 | 6655 |

SKY COVER

73-81

FEB
MON

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF B. | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-----------------------|-------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| FEB | 0-22 | 33.9 | | | 15.3 | | | | | | 12.4 | 39.4 | 5.4 | 767 |
| | 23-25 | 31.1 | | | 17.3 | | | | | | 9.8 | 45.8 | 5.9 | 767 |
| | 26-28 | 17.5 | | | 27.4 | | | | | | 14.2 | 44.9 | 6.5 | 766 |
| | 29-11 | 13.8 | | | 23.6 | | | | | | 18.6 | 47.2 | 7.2 | 759 |
| | 12-14 | 12.7 | | | 21.1 | | | | | | 20.9 | 46.1 | 7.1 | 767 |
| | 15-17 | 11.9 | | | 21.3 | | | | | | 23.1 | 44.6 | 7.2 | 762 |
| | 18-20 | 15.0 | | | 24.3 | | | | | | 16.1 | 41.6 | 6.3 | 762 |
| | 21-23 | 30.2 | | | 16.7 | | | | | | 17.5 | 41.4 | 5.6 | 761 |
| TOTALS | | 21.0 | | | 19.5 | | | | | | 15.7 | 43.8 | 6.4 | 6,886 |

SKY COVER

73-81

| MONTH | HOURS LST | PERCENT AGE FREQUENCY OF TENTHS OF TOTAL SHIP OVER | | | | | | | | | | TOTAL PERCENT | TOTAL SHIPS | |
|--------|--------------|--|---|---|------|---|---|---|---|---|------|------------------|----------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | |
| MAR | 03-02 | 22.5 | | | 16.8 | | | | | | 12.5 | 46.3 | 6.5 | 635 |
| | 03-05 | 22.0 | | | 14.6 | | | | | | 15.4 | 48. | 5.6 | 633 |
| | 06-08 | 12.3 | | | 20.2 | | | | | | 19.0 | 48.4 | 7.2 | 636 |
| | 09-11 | 17.6 | | | 22.5 | | | | | | 18.2 | 47.7 | 7.2 | 637 |
| | 1.-14 | 9.2 | | | 22.7 | | | | | | 22.2 | 45.9 | 7.3 | 637 |
| | 15-17 | 9.7 | | | 21.6 | | | | | | 20.5 | 48.1 | 7.3 | 637 |
| | 18-20 | 13.4 | | | 23.1 | | | | | | 17.6 | 46.6 | 6.9 | 637 |
| | 21-23 | 23.1 | | | 19.8 | | | | | | 12.4 | 45.9 | 6.3 | 637 |
| TOTALS | 15.4 | | | | 20.0 | | | | | | 17.3 | 47.4 | 6.9 | 6682 |

SKY COVER

• 1 Y

[illegible]

SKY COVER

- 7 - C 1

J.

[illegible]

USAFETAC FORM 095 JUL 64 095 JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OFFICIAL METEOROLOGICAL BRANCH
USAFETAC
AIR WEATHER SERVICE /HAC

SKY COVER

1472 FT CAMPBELL KY

13-01

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| MONTH | HOURS LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL EXPOSURE | | | | | | | | | | TOTAL PERCENTAGE | TOTAL OBSERVATIONS |
|--------|--------------|--|---|---|---|---|---|---|---|---|---|---------------------|-----------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |
| JUL | 1-12 | 21.6 | | | | | | | | | | 21.6 | 11 |
| | 13-24 | 31.7 | | | | | | | | | | 31.7 | 11 |
| | 25-31 | 4.3 | | | | | | | | | | 4.3 | 3 |
| | 1-12 | 21.6 | | | | | | | | | | 21.6 | 11 |
| | 13-24 | 31.7 | | | | | | | | | | 31.7 | 11 |
| | 25-31 | 4.3 | | | | | | | | | | 4.3 | 3 |
| | 1-12 | 21.6 | | | | | | | | | | 21.6 | 11 |
| | 13-24 | 31.7 | | | | | | | | | | 31.7 | 11 |
| TOTALS | 1-12 | 21.6 | | | | | | | | | | 21.6 | 11 |
| | 13-24 | 31.7 | | | | | | | | | | 31.7 | 11 |
| | 25-31 | 4.3 | | | | | | | | | | 4.3 | 3 |
| | 1-12 | 21.6 | | | | | | | | | | 21.6 | 11 |
| | 13-24 | 31.7 | | | | | | | | | | 31.7 | 11 |
| | 25-31 | 4.3 | | | | | | | | | | 4.3 | 3 |
| | 1-12 | 21.6 | | | | | | | | | | 21.6 | 11 |
| | 13-24 | 31.7 | | | | | | | | | | 31.7 | 11 |

SKY COVER

77-21

10

[illegible]

SKY COVER

100

276

| MONTH | HOURS EST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | TOTAL TENTHS PER HOUR | TOTAL TENTHS PER DAY |
|--------|--------------|---|---|---|------|---|---|---|---|------|-------|-----------------------------|----------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |
| 7-2 | 41.6 | | | | 17.4 | | | | | 11.9 | 47.7 | 4.4 | 788 |
| 7-8 | 13.6 | | | | 22.1 | | | | | 12.3 | 52. | 5.7 | 266 |
| 7-14 | 42.1 | | | | 26.2 | | | | | 12.1 | 33.7 | 5.1 | 372 |
| 7-11 | 16.4 | | | | 31.6 | | | | | 12.1 | 39.9 | 5.8 | 176 |
| 7-14 | 7.8 | | | | 34.6 | | | | | 4.1 | 25.6 | 6.2 | 179 |
| 7-17 | 11.5 | | | | 37.7 | | | | | 17.3 | 24.8 | 1.1 | 211 |
| 7-20 | 22.0 | | | | 38.4 | | | | | 27.2 | 22.4 | 3.0 | 313 |
| 7-23 | 35.1 | | | | 22.6 | | | | | 19.2 | 43.1 | 4.7 | 796 |
| TOTALS | 21.1 | | | | 33.9 | | | | | 20.6 | 127.3 | 5.0 | 1346 |

SKY COVER

73-21

201

[illegible]

SKY COVER

73-82

411

| MONTH | HOURS LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|--------------|---|---|---|------|---|---|---|---|------|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |
| Nov | 10-22 | 35.4 | | | 15.0 | | | | | 10.9 | 38.6 | 5.3 | 375 |
| | 13-15 | 35.8 | | | 14.4 | | | | | 11.1 | 38.7 | 5.3 | 601 |
| | 16-23 | 13.7 | | | 11.1 | | | | | 19.2 | 41.1 | 6.5 | 798 |
| | 24-11 | 16.5 | | | 21.6 | | | | | 11.2 | 41.4 | 6.6 | 625 |
| | 12-14 | 11.6 | | | 29.7 | | | | | 23.1 | 35.7 | 6.5 | 879 |
| | 15-17 | 12.4 | | | 31.5 | | | | | 22.0 | 35.1 | 6.4 | 879 |
| | 18-20 | 25.2 | | | 25.3 | | | | | 14.1 | 35.4 | 5.6 | 512 |
| | 21-23 | 32.3 | | | 31.3 | | | | | 17.0 | 37.5 | 5.3 | 809 |
| TOTALS | | 23.5 | | | 12.2 | | | | | 16.3 | 37.9 | 5.9 | 5442 |

SKY COVER

73-51

256
..

17

1

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

146711
STATION

FT CAMPBELL KY

STATION NAME

73-81

PERIOD

ALL

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS ALL DATA | TOTAL ALL DATA |
|--------|--------------|---|---|---|------|---|---|---|---|---|------|----------------------------|-------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| JAN | ALL | 13.1 | | | 17.1 | | | | | | 13.9 | 51.9 | 6558 |
| FEB | | 21.0 | | | 19.5 | | | | | | 15.7 | 43.8 | 6666 |
| MAR | | 15.4 | | | 20.0 | | | | | | 17.3 | 47.4 | 6692 |
| APR | | 21.3 | | | 22.7 | | | | | | 19.2 | 36.9 | 6491 |
| MAY | | 16.8 | | | 26.3 | | | | | | 21.6 | 55.3 | 6667 |
| JUN | | 17.8 | | | 33.6 | | | | | | 25.7 | 32.0 | 6443 |
| JUL | | 16.5 | | | 36.0 | | | | | | 24.4 | 22.8 | 6676 |
| AUG | | 22.1 | | | 34.7 | | | | | | 23.3 | 20.2 | 6553 |
| SEP | | 23.1 | | | 28.9 | | | | | | 20.6 | 27.3 | 6349 |
| OCT | | 32.3 | | | 27.5 | | | | | | 16.1 | 24.2 | 6661 |
| NOV | | 23.5 | | | 28.2 | | | | | | 16.3 | 37.9 | 6446 |
| DEC | | 42.1 | | | 19.6 | | | | | | 15.2 | 43.1 | 6694 |
| TOTALS | | 27.7 | | | 25.8 | | | | | | 19.1 | 34.4 | 78319 |

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

? Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
14671 FT CAMPBELL KY
STATION NAME

43-45, 51-81

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP. °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN. A. |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| 10 | | | | | | 1.1 | 2.2 | 1.1 | .7 | | | | .1 |
| 20 | | | | | .3 | 7.8 | 12.5 | 12.2 | 3.1 | | | | .1 |
| 30 | | | | | 3.9 | 25.1 | 41.3 | 36.2 | 12.8 | .5 | | | .1 |
| 40 | | | .4 | 7.3 | 21.1 | 56.2 | 77.5 | 67.9 | 35.9 | 5.7 | | | .1 |
| 50 | | .1 | 2.6 | 18.7 | 42.9 | 80.1 | 93.1 | 89.4 | 60.6 | 19.7 | .6 | | .1 |
| 60 | .3 | .8 | 8.5 | 33.9 | 62.5 | 93.2 | 97.0 | 98.2 | 78.4 | 36.9 | 6.1 | .1 | .1 |
| 70 | 1.0 | 4.7 | 19.1 | 51.5 | 79.4 | 98.1 | 99.7 | 99.7 | 92.3 | 56.2 | 16.4 | 1.6 | .1 |
| 80 | 5.9 | 11.3 | 32.5 | 67.4 | 91.2 | 99.5 | 100.0 | 100.0 | 97.7 | 72.8 | 29.4 | 6.9 | .1 |
| 90 | 12.1 | 23.9 | 45.2 | 80.8 | 97.5 | 100.0 | | | 99.3 | 85.9 | 47.4 | 16.4 | .1 |
| 100 | 21.3 | 33.3 | 59.7 | 89.7 | 99.4 | | | | 99.6 | 94.1 | 53.2 | 27.1 | .1 |
| 110 | 27.2 | 44.5 | 72.7 | 96.3 | 99.8 | | | | 99.9 | 98.5 | 71.0 | 41.9 | .1 |
| 120 | 46.4 | 61.3 | 82.7 | 99.2 | 100.0 | | | | 100.0 | 99.7 | 81.4 | 56.5 | .1 |
| 130 | 58.7 | 71.9 | 92.5 | 99.8 | | | | | | 100.0 | 92.2 | 71.3 | .1 |
| 140 | 71.6 | 83.5 | 97.3 | 100.0 | | | | | | | 96.9 | 84.9 | .1 |
| 150 | 85.6 | 92.4 | 99.2 | | | | | | | | 98.9 | 94.5 | .1 |
| 160 | 92.8 | 96.8 | 99.7 | | | | | | | | 99.6 | 98.5 | .1 |
| 170 | 97.2 | 99.1 | 100.0 | | | | | | | | 99.8 | 99.7 | .1 |
| 180 | 99.3 | 99.9 | | | | | | | | | 100.0 | 99.9 | .1 |
| 190 | 99.8 | 100.0 | | | | | | | | | | 100.0 | .1 |
| 200 | 100.0 | | | | | | | | | | | 100.0 | .1 |
| 210 | | | | | | | | | | | | | .1 |
| 220 | | | | | | | | | | | | | .1 |
| 230 | | | | | | | | | | | | | .1 |
| 240 | | | | | | | | | | | | | .1 |
| 250 | | | | | | | | | | | | | .1 |
| 260 | | | | | | | | | | | | | .1 |
| 270 | | | | | | | | | | | | | .1 |
| 280 | | | | | | | | | | | | | .1 |
| 290 | | | | | | | | | | | | | .1 |
| 300 | | | | | | | | | | | | | .1 |
| 310 | | | | | | | | | | | | | .1 |
| 320 | | | | | | | | | | | | | .1 |
| 330 | | | | | | | | | | | | | .1 |
| 340 | | | | | | | | | | | | | .1 |
| 350 | | | | | | | | | | | | | .1 |
| 360 | | | | | | | | | | | | | .1 |
| 370 | | | | | | | | | | | | | .1 |
| 380 | | | | | | | | | | | | | .1 |
| 390 | | | | | | | | | | | | | .1 |
| 400 | | | | | | | | | | | | | .1 |
| 410 | | | | | | | | | | | | | .1 |
| 420 | | | | | | | | | | | | | .1 |
| 430 | | | | | | | | | | | | | .1 |
| 440 | | | | | | | | | | | | | .1 |
| 450 | | | | | | | | | | | | | .1 |
| 460 | | | | | | | | | | | | | .1 |
| 470 | | | | | | | | | | | | | .1 |
| 480 | | | | | | | | | | | | | .1 |
| 490 | | | | | | | | | | | | | .1 |
| 500 | | | | | | | | | | | | | .1 |
| 510 | | | | | | | | | | | | | .1 |
| 520 | | | | | | | | | | | | | .1 |
| 530 | | | | | | | | | | | | | .1 |
| 540 | | | | | | | | | | | | | .1 |
| 550 | | | | | | | | | | | | | .1 |
| 560 | | | | | | | | | | | | | .1 |
| 570 | | | | | | | | | | | | | .1 |
| 580 | | | | | | | | | | | | | .1 |
| 590 | | | | | | | | | | | | | .1 |
| 600 | | | | | | | | | | | | | .1 |
| 610 | | | | | | | | | | | | | .1 |
| 620 | | | | | | | | | | | | | .1 |
| 630 | | | | | | | | | | | | | .1 |
| 640 | | | | | | | | | | | | | .1 |
| 650 | | | | | | | | | | | | | .1 |
| 660 | | | | | | | | | | | | | .1 |
| 670 | | | | | | | | | | | | | .1 |
| 680 | | | | | | | | | | | | | .1 |
| 690 | | | | | | | | | | | | | .1 |
| 700 | | | | | | | | | | | | | .1 |
| 710 | | | | | | | | | | | | | .1 |
| 720 | | | | | | | | | | | | | .1 |
| 730 | | | | | | | | | | | | | .1 |
| 740 | | | | | | | | | | | | | .1 |
| 750 | | | | | | | | | | | | | .1 |
| 760 | | | | | | | | | | | | | .1 |
| 770 | | | | | | | | | | | | | .1 |
| 780 | | | | | | | | | | | | | .1 |
| 790 | | | | | | | | | | | | | .1 |
| 800 | | | | | | | | | | | | | .1 |
| 810 | | | | | | | | | | | | | .1 |
| 820 | | | | | | | | | | | | | .1 |
| 830 | | | | | | | | | | | | | .1 |
| 840 | | | | | | | | | | | | | .1 |
| 850 | | | | | | | | | | | | | .1 |
| 860 | | | | | | | | | | | | | .1 |
| 870 | | | | | | | | | | | | | .1 |
| 880 | | | | | | | | | | | | | .1 |
| 890 | | | | | | | | | | | | | .1 |
| 900 | | | | | | | | | | | | | .1 |
| 910 | | | | | | | | | | | | | .1 |
| 920 | | | | | | | | | | | | | .1 |
| 930 | | | | | | | | | | | | | .1 |
| 940 | | | | | | | | | | | | | .1 |
| 950 | | | | | | | | | | | | | .1 |
| 960 | | | | | | | | | | | | | .1 |
| 970 | | | | | | | | | | | | | .1 |
| 980 | | | | | | | | | | | | | .1 |
| 990 | | | | | | | | | | | | | .1 |
| 1000 | | | | | | | | | | | | | .1 |
| MEAN | 43.2 | 47.7 | 57.4 | 69.0 | 76.8 | 85.1 | 88.2 | 87.2 | 81.7 | 70.6 | 56.7 | 46.9 | 67.0 |
| S.D. | 13.10 | 12.91 | 12.37 | 10.29 | 8.47 | 6.83 | 5.85 | 6.34 | 7.93 | 9.63 | 11.37 | 11.40 | 13.75 |
| TOTAL OBS. | 1023 | 733 | 1073 | 989 | 1073 | 1016 | 1071 | 1085 | 1050 | 1066 | 1020 | 1054 | 1035 |

USAFETAC FORM 0-21 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AF TAC
 WEATHER SERVICE/MAC
 FT CAMPBELL KY
 STATION NAME

DAILY TEMPERATURES

43-45, 51-81 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MINIMUM

| TEMPERATURE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 10 | | | | | | 2.2 | 6.1 | 2.8 | .3 | | | | .1 |
| 11 | | | | .1 | 1.1 | 22.1 | 45.2 | 32.6 | 8.9 | .2 | | | .1 |
| 12 | | | .1 | 3.0 | 14.9 | 55.2 | 73.3 | 69.8 | 3.0 | 3.2 | .4 | | 1.1 |
| 13 | | | 2.4 | 13.9 | 39.6 | 77.5 | 92.6 | 88.3 | 52.8 | 11.7 | 2.5 | .7 | 7.1 |
| 14 | 1.3 | 1.5 | 7.2 | 27.3 | 58.8 | 92.4 | 98.7 | 97.6 | 72.6 | 23.5 | 6.1 | 1.6 | 41.4 |
| 15 | 2.7 | 3.8 | 15.2 | 40.8 | 77.6 | 98.5 | 97.8 | 99.9 | 88.7 | 38.5 | 13.1 | 3.9 | 42.1 |
| 16 | 7.3 | 3.3 | 23.6 | 53.5 | 90.4 | 99.7 | 100.0 | 100.0 | 96.3 | 57.6 | 23.1 | 8.8 | 58.9 |
| 17 | 10.1 | 10.1 | 40.3 | 77.2 | 97.0 | 100.0 | | | 99.5 | 76.3 | 30.7 | 16.7 | 64.7 |
| 18 | 20.3 | 3.2 | 56.4 | 91.9 | 99.9 | | | | 100.0 | 90.4 | 56.0 | 28.1 | 73.7 |
| 19 | 24.5 | 30.1 | 64.3 | 95.0 | 100.0 | | | | | 94.4 | 64.7 | 35.3 | 76.7 |
| 20 | 3.0 | 48.7 | 76.4 | 98.5 | | | | | | 98.2 | 76.6 | 48.6 | 81.7 |
| 21 | 50.1 | 68.1 | 91.8 | 100.0 | | | | | | 99.7 | 89.1 | 67.3 | 89.1 |
| 22 | 71.1 | 81.8 | 97.0 | | | | | | | 100.0 | 96.8 | 83.3 | 94.1 |
| 23 | 84.5 | 88.1 | 99.0 | | | | | | | | 98.8 | 92.6 | 97.1 |
| 24 | 91.4 | 94.9 | 99.4 | | | | | | | | 99.0 | 97.1 | 98.5 |
| 25 | 95.0 | 98.1 | 99.8 | | | | | | | | | 99.1 | 99.4 |
| 26 | 97.6 | 99.2 | 100.0 | | | | | | | | | 99.7 | 99.7 |
| 27 | 98.8 | 99.8 | | | | | | | | | 100.0 | 99.8 | 99.9 |
| 28 | 99.3 | 99.9 | | | | | | | | | | 100.0 | 100.0 |
| 29 | | 100.0 | | | | | | | | | | | 100.0 |
| 30 | 100.0 | | | | | | | | | | | | 100.0 |
| 31 | | | | | | | | | | | | | 100.0 |
| 32 | | | | | | | | | | | | | 100.0 |
| 33 | | | | | | | | | | | | | 100.0 |
| 34 | | | | | | | | | | | | | 100.0 |
| 35 | | | | | | | | | | | | | 100.0 |
| 36 | | | | | | | | | | | | | 100.0 |
| 37 | | | | | | | | | | | | | 100.0 |
| 38 | | | | | | | | | | | | | 100.0 |
| 39 | | | | | | | | | | | | | 100.0 |
| 40 | | | | | | | | | | | | | 100.0 |
| 41 | | | | | | | | | | | | | 100.0 |
| 42 | | | | | | | | | | | | | 100.0 |
| 43 | | | | | | | | | | | | | 100.0 |
| 44 | | | | | | | | | | | | | 100.0 |
| 45 | | | | | | | | | | | | | 100.0 |
| 46 | | | | | | | | | | | | | 100.0 |
| 47 | | | | | | | | | | | | | 100.0 |
| 48 | | | | | | | | | | | | | 100.0 |
| 49 | | | | | | | | | | | | | 100.0 |
| 50 | | | | | | | | | | | | | 100.0 |
| 51 | | | | | | | | | | | | | 100.0 |
| 52 | | | | | | | | | | | | | 100.0 |
| 53 | | | | | | | | | | | | | 100.0 |
| 54 | | | | | | | | | | | | | 100.0 |
| 55 | | | | | | | | | | | | | 100.0 |
| 56 | | | | | | | | | | | | | 100.0 |
| 57 | | | | | | | | | | | | | 100.0 |
| 58 | | | | | | | | | | | | | 100.0 |
| 59 | | | | | | | | | | | | | 100.0 |
| 60 | | | | | | | | | | | | | 100.0 |
| 61 | | | | | | | | | | | | | 100.0 |
| 62 | | | | | | | | | | | | | 100.0 |
| 63 | | | | | | | | | | | | | 100.0 |
| 64 | | | | | | | | | | | | | 100.0 |
| 65 | | | | | | | | | | | | | 100.0 |
| 66 | | | | | | | | | | | | | 100.0 |
| 67 | | | | | | | | | | | | | 100.0 |
| 68 | | | | | | | | | | | | | 100.0 |
| 69 | | | | | | | | | | | | | 100.0 |
| 70 | | | | | | | | | | | | | 100.0 |
| 71 | | | | | | | | | | | | | 100.0 |
| 72 | | | | | | | | | | | | | 100.0 |
| 73 | | | | | | | | | | | | | 100.0 |
| 74 | | | | | | | | | | | | | 100.0 |
| 75 | | | | | | | | | | | | | 100.0 |
| 76 | | | | | | | | | | | | | 100.0 |
| 77 | | | | | | | | | | | | | 100.0 |
| 78 | | | | | | | | | | | | | 100.0 |
| 79 | | | | | | | | | | | | | 100.0 |
| 80 | | | | | | | | | | | | | 100.0 |
| 81 | | | | | | | | | | | | | 100.0 |
| 82 | | | | | | | | | | | | | 100.0 |
| 83 | | | | | | | | | | | | | 100.0 |
| 84 | | | | | | | | | | | | | 100.0 |
| 85 | | | | | | | | | | | | | 100.0 |
| 86 | | | | | | | | | | | | | 100.0 |
| 87 | | | | | | | | | | | | | 100.0 |
| 88 | | | | | | | | | | | | | 100.0 |
| 89 | | | | | | | | | | | | | 100.0 |
| 90 | | | | | | | | | | | | | 100.0 |
| 91 | | | | | | | | | | | | | 100.0 |
| 92 | | | | | | | | | | | | | 100.0 |
| 93 | | | | | | | | | | | | | 100.0 |
| 94 | | | | | | | | | | | | | 100.0 |
| 95 | | | | | | | | | | | | | 100.0 |
| 96 | | | | | | | | | | | | | 100.0 |
| 97 | | | | | | | | | | | | | 100.0 |
| 98 | | | | | | | | | | | | | 100.0 |
| 99 | | | | | | | | | | | | | 100.0 |
| 100 | | | | | | | | | | | | | 100.0 |
| MEAN | 26.7 | 30.3 | 37.3 | 47.5 | 55.9 | 64.7 | 68.0 | 66.5 | 59.4 | 46.9 | 30.0 | 29.3 | 47.1 |
| STDEV | 12.18 | 11.90 | 10.55 | 7.60 | 7.96 | 6.30 | 5.14 | 5.30 | 7.74 | 9.43 | 17.56 | 17.46 | 17.46 |
| TOTAL OBS | 123 | 63 | 103 | 98 | 103 | 101 | 101 | 104 | 105 | 106 | 102 | 104 | 123 |

FAA CLIMATOLOGY BRANCH
 WFO TLO
 WEATHER SERVICE/MAC
 467 FT CAMPBELL KY
 STATION NAME

43-45, 50-61

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DE | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|
| 25 | | | | | | 4.5 | 1.3 | 5.7 | .7 | | | | 1.1 |
| 30 | | | | | 1.0 | 22.5 | 41.5 | 33.6 | 8.7 | .2 | | | 7.1 |
| 35 | | | | 1.9 | 15.3 | 54.5 | 81.9 | 71.3 | 31.7 | 2.5 | | | 2.4 |
| 40 | | | 1.6 | 13.7 | 40.2 | 81.7 | 95.1 | 92.7 | 57.7 | 11.3 | 1.3 | .1 | 33.0 |
| 45 | .1 | .3 | 6.6 | 29.6 | 62.9 | 95.2 | 99.5 | 99.1 | 79.4 | 29.3 | 4.2 | .2 | 43.1 |
| 50 | 2.0 | 3.5 | 15.7 | 46.9 | 93.8 | 99.1 | 100.0 | 100.0 | 93.9 | 48.5 | 12.1 | 2.4 | 51.1 |
| 55 | 6.1 | 6.7 | 27.3 | 65.2 | 92.7 | 99.8 | | | 98.5 | 67.6 | 25.3 | 6.6 | 58.6 |
| 60 | 10.9 | 13.0 | 42.2 | 81.3 | 98.1 | 100.0 | | | 99.8 | 55.4 | 4.0 | 14.9 | 66.6 |
| 65 | 18.8 | 28.8 | 58.5 | 93.4 | 99.9 | | | | 100.0 | 95.8 | 53.9 | 26.5 | 73.9 |
| 70 | 33.3 | 48.2 | 76.1 | 98.9 | 100.0 | | | | | 99.1 | 75.4 | 44.1 | 91.0 |
| 75 | 57.8 | 64.5 | 90.4 | 99.9 | | | | | | 100.0 | 82.0 | 64.6 | 98.1 |
| 80 | 68.5 | 79.6 | 96.7 | 100.0 | | | | | | | 96.7 | 81.5 | 93.7 |
| 85 | 81.9 | 88.0 | 98.7 | | | | | | | | 98.5 | 91.7 | 96.0 |
| 90 | 89.3 | 94.9 | 99.5 | | | | | | | | 99.4 | 96.8 | 97.6 |
| 95 | 94.5 | 98.1 | 99.9 | | | | | | | | 99.3 | 99.1 | 99.1 |
| 100 | 97.8 | 99.2 | 100.0 | | | | | | | | | 99.6 | 99.6 |
| 105 | 99.2 | 99.8 | | | | | | | | | 100.0 | 99.9 | 99.9 |
| 110 | 99.9 | 100.0 | | | | | | | | | | | 100.0 |
| 115 | 100.0 | | | | | | | | | | | | 100.0 |
| 120 | | | | | | | | | | | | | |
| 125 | | | | | | | | | | | | | |
| 130 | | | | | | | | | | | | | |
| 135 | | | | | | | | | | | | | |
| 140 | | | | | | | | | | | | | |
| 145 | | | | | | | | | | | | | |
| 150 | | | | | | | | | | | | | |
| 155 | | | | | | | | | | | | | |
| 160 | | | | | | | | | | | | | |
| 165 | | | | | | | | | | | | | |
| 170 | | | | | | | | | | | | | |
| 175 | | | | | | | | | | | | | |
| 180 | | | | | | | | | | | | | |
| 185 | | | | | | | | | | | | | |
| 190 | | | | | | | | | | | | | |
| 195 | | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | | |
| MEAN | 34.7 | 32.6 | 47.6 | 58.5 | 66.6 | 74.9 | 77.3 | 77.7 | 77.4 | 59.2 | 47.7 | 38.4 | 57.6 |
| SD | 11.9 | 11.4 | 10.6 | 9.1 | 7.4 | 5.9 | 4.5 | 4.9 | 6.9 | 6.5 | 7.3 | 8.4 | 17.7 |
| TOTAL OBS | 123 | 93 | 103 | 99 | 103 | 101 | 107 | 105 | 105 | 106 | 12 | 15 | 123 |

USAFETAC 1-60 0215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FROM DAILY OBSERVATIONS

YEARS

[illegible]

FROM CALIFORNIA OBSERVATIONS

YEARS

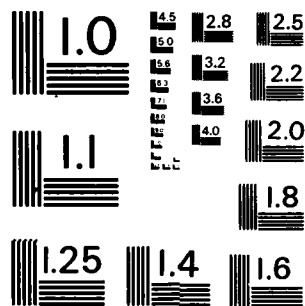
[illegible]

UNCLASSIFIED

FORT CAMPBELL CAMPBELL AAF KENTUCKY REVISED UNIFORM
 SUMMARY OF SURFACE WE..(U) AIR FORCE ENVIRONMENTAL
 TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 82
 USAFETAC/DS-82/063 SBI-AD-E850 384 F/G 4/2

Ni

F/G 4/2



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

(AT LEAST ONE DAY LESS THAN 24 HRS)

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 57 / 67 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 56 / 65 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 52 / 51 | | | .5 | | | | | | | | | | | | | | | 4 | 4 | 5 | | | | | | | | | | | | | | | |
| 50 / 59 | | .7 | | | | | | | | | | | | | | | | 6 | 6 | 1 | | | | | | | | | | | | | | | |
| 49 / 57 | .2 | .6 | | | | .1 | | | | | | | | | | | | 8 | 8 | 1 | 8 | | | | | | | | | | | | | | |
| 51 / 55 | | .2 | .5 | .1 | .2 | | | | | | | | | | | | | 9 | 9 | 5 | 9 | | | | | | | | | | | | | | |
| 54 / 53 | | .8 | .1 | .2 | .1 | | | | | | | | | | | | | 11 | 11 | 5 | 5 | | | | | | | | | | | | | | |
| 50 / 51 | | .2 | .5 | .2 | .2 | .1 | | | | | | | | | | | | 11 | 11 | 9 | 6 | | | | | | | | | | | | | | |
| 50 / 49 | | .2 | .5 | .1 | | | | | | | | | | | | | | 7 | 7 | 6 | 5 | | | | | | | | | | | | | | |
| 48 / 47 | | 1.0 | .7 | | .1 | | | | | | | | | | | | | 15 | 15 | 12 | 4 | | | | | | | | | | | | | | |
| 48 / 45 | .2 | 2.7 | .5 | .6 | | | | | | | | | | | | | | 34 | 34 | 23 | 18 | | | | | | | | | | | | | | |
| 44 / 43 | .4 | 1.8 | 1.1 | .4 | .6 | .1 | | | | | | | | | | | | 36 | 36 | 3 | 23 | | | | | | | | | | | | | | |
| 42 / 41 | | 1.4 | .6 | 1.1 | .4 | | | | | | | | | | | | | 29 | 29 | 22 | 18 | | | | | | | | | | | | | | |
| 42 / 39 | .5 | 1.6 | 1.7 | .4 | .1 | | | | | | | | | | | | | 35 | 35 | 33 | 25 | | | | | | | | | | | | | | |
| 37 / 37 | .6 | 1.9 | .7 | .5 | | | | | | | | | | | | | | 31 | 31 | 29 | 20 | | | | | | | | | | | | | | |
| 37 / 35 | .2 | 3.0 | 1.8 | .2 | | | | | | | | | | | | | | 44 | 44 | 43 | 25 | | | | | | | | | | | | | | |
| 37 / 33 | .2 | 2.9 | 2.0 | .2 | .2 | | | | | | | | | | | | | 47 | 47 | 43 | 28 | | | | | | | | | | | | | | |
| 32 / 31 | 1.3 | 4.2 | 3.5 | .5 | | | | | | | | | | | | | | 79 | 79 | 54 | 51 | | | | | | | | | | | | | | |
| 37 / 29 | .2 | 6.6 | 1.7 | .1 | | | | | | | | | | | | | | 72 | 72 | 66 | 43 | | | | | | | | | | | | | | |
| 34 / 27 | .2 | 4.1 | 1.1 | .1 | | | | | | | | | | | | | | 46 | 46 | 43 | 24 | | | | | | | | | | | | | | |
| 37 / 25 | .2 | 3.8 | 1.8 | | | | | | | | | | | | | | | 49 | 49 | 46 | 77 | | | | | | | | | | | | | | |
| 34 / 23 | .4 | 3.0 | .6 | | | | | | | | | | | | | | | 33 | 33 | 53 | 44 | | | | | | | | | | | | | | |
| 30 / 21 | 1.3 | 2.6 | 1.1 | | | | | | | | | | | | | | | 42 | 42 | 44 | 50 | | | | | | | | | | | | | | |
| 30 / 19 | .7 | 3.2 | 1.1 | | | | | | | | | | | | | | | 38 | 38 | 31 | 63 | | | | | | | | | | | | | | |
| 30 / 17 | .2 | 3.2 | .4 | | | | | | | | | | | | | | | 32 | 32 | 30 | 35 | | | | | | | | | | | | | | |
| 27 / 15 | .1 | 2.5 | .2 | .1 | | | | | | | | | | | | | | 25 | 25 | 39 | 35 | | | | | | | | | | | | | | |
| 14 / 13 | .1 | 2.0 | | | | | | | | | | | | | | | | 18 | 19 | 19 | 31 | | | | | | | | | | | | | | |
| 17 / 11 | .1 | 1.2 | .2 | | | | | | | | | | | | | | | 19 | 19 | 2 | 31 | | | | | | | | | | | | | | |
| 17 / 9 | .2 | 2.4 | | | | | | | | | | | | | | | | 22 | 22 | 24 | 35 | | | | | | | | | | | | | | |
| 17 / 7 | .1 | .7 | | | | | | | | | | | | | | | | 7 | 7 | 17 | 28 | | | | | | | | | | | | | | |
| 17 / 5 | .2 | .8 | | | | | | | | | | | | | | | | 9 | 9 | 8 | 15 | | | | | | | | | | | | | | |
| 17 / 3 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 9 | | | | | | | | | | | | | | |
| 17 / 1 | .2 | .5 | | | | | | | | | | | | | | | | 6 | 6 | 4 | 26 | | | | | | | | | | | | | | |
| 1 / -1 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 3 | 13 | | | | | | | | | | | | | | |
| Element (X) | Σ X' | | Σ X | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

73-31

STATION

STATION NAME

YEARS

442

MONTH

PAGE 2

7900-0242

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| -7/-3 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 7 | | | | | | | | | | | | | | |
| -4/-5 | .3 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 13 | | | | | | | | | | | | | | |
| -8/-7 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 2 | | | | | | | | | | | | | | |
| -8/-9 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 3 | | | | | | | | | | | | | | |
| -7/-11 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| -77/-23 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| -11/-27 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| TOTAL | 3.56 | 1.22 | 2.7 | 5.3 | 2.0 | .4 | | | | | | | | | | | | | 837 | 237 | 937 | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 4922991 | 63259 | 75.613 | .32 | 837 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | 93 |
| Dry Bulb | 895658 | 25236 | 30.212 | .697 | 837 | .0 | 56.3 | .1 | | | | 93 |
| Wet Bulb | 782459 | 23443 | 28.312 | .172 | 837 | 1.1 | 62.4 | | | | | 93 |
| Dew Point | 612637 | 19321 | 23.114 | .121 | 837 | 5.1 | 71.4 | | | | | 93 |

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 1 0300-2500
HOURS 11 5 11

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 300-0500
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| -1/-3 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 7 | | | | |
| -2/-5 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 17 | | | | |
| -3/-7 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 | | | | |
| -4/-9 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 4 | | | | |
| -5/-11 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 3 | | | | |
| -1/-13 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| -3/-17 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| -5/-19 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| -7/-23 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| TOTAL | 17.2 | 67.0 | 18.3 | 3.1 | 1.4 | | | | | | | | | | | | | 637 | 837 | 617 | 937 | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|
| Rel. Hum. | 5104571 | 64521 | 77.1 | 12.513 | 837 | $\leq 0^\circ F$ | $\leq 32^\circ F$ | $\leq 67^\circ F$ | $\leq 73^\circ F$ | $\leq 80^\circ F$ | $\leq 93^\circ F$ | |
| Dry Bulb | 853789 | 24347 | 29.1 | 13.059 | 837 | 1.2 | 57.9 | .2 | | | | 93 |
| Wet Bulb | 754374 | 22780 | 27.2 | 12.665 | 837 | 1.7 | 63.1 | | | | | 93 |
| Dew Point | 656913 | 18931 | 22.6 | 14.677 | 837 | 6.6 | 71.8 | | | | | 93 |

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

HOURS 11 5 1

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 66 / 65 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 7 | | | | | | | | | | | | | | | | |
| 64 / 63 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | | | | | | | | | | | | | | | |
| 62 / 61 | .1 | .4 | | .1 | | | | | | | | | | | | | | 5 | 5 | 3 | 4 | | | | | | | | | | | | | | |
| 60 / 59 | | .3 | .1 | | | | | | | | | | | | | | | 8 | 9 | 1 | 2 | | | | | | | | | | | | | | |
| 58 / 57 | | .5 | .4 | | | | | | | | | | | | | | | 7 | 7 | 7 | 1 | | | | | | | | | | | | | | |
| 56 / 55 | | .6 | .1 | | | | | | | | | | | | | | | 6 | 6 | 6 | 11 | | | | | | | | | | | | | | |
| 54 / 53 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 9 | 3 | | | | | | | | | | | | | | |
| 52 / 51 | | .6 | .4 | .2 | | | | | | | | | | | | | | 12 | 12 | 1 | 6 | | | | | | | | | | | | | | |
| 50 / 49 | .4 | 1.4 | .2 | .1 | | | | | | | | | | | | | | 18 | 19 | 14 | 11 | | | | | | | | | | | | | | |
| 48 / 47 | .1 | 1.3 | .6 | | | | | | | | | | | | | | | 17 | 17 | 15 | 14 | | | | | | | | | | | | | | |
| 46 / 45 | .2 | 1.4 | | .1 | | | | | | | | | | | | | | 15 | 15 | 16 | 8 | | | | | | | | | | | | | | |
| 44 / 43 | .1 | 1.7 | .2 | .5 | | | | | | | | | | | | | | 21 | 21 | 21 | 16 | | | | | | | | | | | | | | |
| 42 / 41 | .4 | 3.2 | .6 | .5 | | | | | | | | | | | | | | 39 | 39 | 21 | 21 | | | | | | | | | | | | | | |
| 40 / 39 | | 1.7 | 1.1 | .7 | | | | | | | | | | | | | | 29 | 29 | 30 | 16 | | | | | | | | | | | | | | |
| 38 / 37 | .1 | 3.0 | 1.4 | .8 | .1 | | | | | | | | | | | | | 46 | 46 | 22 | 24 | | | | | | | | | | | | | | |
| 36 / 35 | .2 | 4.3 | .5 | | .2 | | | | | | | | | | | | | 44 | 44 | 40 | 24 | | | | | | | | | | | | | | |
| 34 / 33 | .8 | 2.7 | 1.7 | | | | | | | | | | | | | | | 38 | 38 | 68 | 31 | | | | | | | | | | | | | | |
| 32 / 31 | 1.3 | 6.2 | 1.8 | .1 | .2 | | | | | | | | | | | | | 79 | 79 | 43 | 52 | | | | | | | | | | | | | | |
| 30 / 29 | .7 | 3.3 | 1.1 | | | | | | | | | | | | | | | 43 | 43 | 72 | 49 | | | | | | | | | | | | | | |
| 28 / 27 | .4 | 5.1 | .5 | | | | | | | | | | | | | | | 50 | 50 | 39 | 39 | | | | | | | | | | | | | | |
| 26 / 25 | .2 | 6.2 | 1.1 | | | | | | | | | | | | | | | 63 | 63 | 55 | 48 | | | | | | | | | | | | | | |
| 24 / 23 | .7 | 3.3 | .4 | | | | | | | | | | | | | | | 37 | 37 | 76 | 34 | | | | | | | | | | | | | | |
| 22 / 21 | 1.3 | 3.7 | .2 | | | | | | | | | | | | | | | 44 | 44 | 45 | 57 | | | | | | | | | | | | | | |
| 20 / 19 | .1 | 4.1 | .4 | .2 | | | | | | | | | | | | | | 42 | 40 | 33 | 69 | | | | | | | | | | | | | | |
| 18 / 17 | .1 | 2.3 | .2 | .1 | | | | | | | | | | | | | | 23 | 23 | 31 | 35 | | | | | | | | | | | | | | |
| 16 / 15 | .2 | 2.7 | .2 | | | | | | | | | | | | | | | 27 | 27 | 27 | 25 | | | | | | | | | | | | | | |
| 14 / 13 | .1 | 2.3 | .1 | | | | | | | | | | | | | | | 21 | 21 | 28 | 42 | | | | | | | | | | | | | | |
| 12 / 11 | .4 | 1.6 | | | | | | | | | | | | | | | | 16 | 16 | 18 | 21 | | | | | | | | | | | | | | |
| 10 / 9 | .5 | 2.7 | | | | | | | | | | | | | | | | 21 | 21 | 27 | 30 | | | | | | | | | | | | | | |
| 8 / 7 | .8 | 1.8 | | | | | | | | | | | | | | | | 22 | 22 | 21 | 25 | | | | | | | | | | | | | | |
| 6 / 5 | .2 | .3 | | | | | | | | | | | | | | | | 9 | 9 | 15 | 14 | | | | | | | | | | | | | | |
| 4 / 3 | .5 | 1.3 | | | | | | | | | | | | | | | | 15 | 15 | 15 | 15 | | | | | | | | | | | | | | |
| 2 / 1 | | .6 | | | | | | | | | | | | | | | | 5 | 5 | 7 | 24 | | | | | | | | | | | | | | |
| / -1 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 4 | 17 | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | X | | X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

746710 FT CAMPBELL KY 73-81 JAN 1960-1960
STATION STATION NAME YEARS MONTH HOURS (L. S. Y.)

PAGE 2

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| -1/-3 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 8 | | | | | | | | | | | | | | |
| -4/-5 | .3 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 14 | | | | | | | | | | | | | | |
| -6/-7 | .4 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 11 | | | | | | | | | | | | | | |
| -7/-9 | .5 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 4 | | | | | | | | | | | | | | |
| -11/-11 | .6 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 4 | | | | | | | | | | | | | | |
| -13/-13 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| -19/-19 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| -21/-23 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| -25/-25 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TOTAL | 11.6 | 7.6 | 12.9 | 4.3 | .6 | | | | | | | | | | | | | 837 | 837 | 837 | 837 | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 5193793 | 65.81 | 77.8 | 12.633 | 837 | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | 93 |
| Dry Bulb | 839732 | 24062 | 28.7 | 13.334 | 837 | 1.4 | 58.7 | | | | | 93 |
| Wet Bulb | 749628 | 22584 | 27.0 | 12.953 | 837 | 1.6 | 62.2 | | | | | 93 |
| Dew Point | 611653 | 18823 | 22.5 | 15.046 | 837 | 7.6 | 71.7 | | | | | 93 |

PSYCHROMETRIC SUMMARY

73-81

۱۹

STATION

STATION NAME

YEARS

PAGE 2 79-11-113

HOURS 5 1 2

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

**JAN
MONTH**

PAGE 2 14-00000-1400
HOURS 5. 5. 1. 1

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------------------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | D.B., W.B., Dry Bulb | Wet Bulb | Dew Point | |
| / | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

73-31

YEARS

44 MONTH

PAGE 1 1600-2002

[illegible]

PSYCHROMETRIC SUMMARY

73-31

YEARS


 McGraw-Hill

PAGE 2 100-2000
HOURS 1.5

[illegible]

PSYCHROMETRIC SUMMARY

73-31

JAN
MONTH

STATION

STATION NAME

YEARS

PAGE 5

74-0-27,000

HOURS 1, 5, 9.

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

746712 FT CAMPBELL KY

73-81

YEARS

PAGE 2 100-2700
HOURS 5.1

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

5 F. 11
MONTH

PAGE 2 100-1510
NOV 19 1964

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | | | |
|-------------|-------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----------|----------|----------|-----------|--|--|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| - / -1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / -2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / -3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / -4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / -5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / -6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / -7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / -8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / -9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / -10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / -11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / -12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / -13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / -14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / -15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 4.453 | 3.425 | 2.9 | 2.4 | 2.0 | 1.6 | 1.2 | 0.9 | 0.6 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 4260106 | 56273 | 73.417 | 793 | 762 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | |
| Dry Bulb | 523675 | 56273 | 73.417 | 274 | 762 | 0 | 45.7 | | | | | |
| Wet Bulb | 779297 | 56273 | 73.417 | 187 | 762 | 0 | 51.9 | | | | | |
| Dew Point | 59230 | 56273 | 73.417 | 351 | 762 | 2.0 | 63.0 | | | | | |

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74071 FT CAMPBELL KY
STATION STATION NAME

73-81

YEARS

FEB
MONTH

PAGE 1 7000-0800
HOURS (L.S.T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|------|-----|-----|-----|-----|-----|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--------------------|--------------------|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. Dry Bulb | Wet Bulb Dew Point | |
| - / - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| - / - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| - / - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| - / -1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| - / -1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 16.55 | 1.72 | 4.1 | 4.8 | 4.0 | 4.9 | 4.7 | | | | | | | | | | | | | | | | | | | | | | | | | | 76.2 | 76.2 | |

| Element (X) | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | |
| Rel. Hum. | 4323414 | 55625 | 74.512 | .31 | 75 | | | | | | | 4 |
| Dry Bulb | 22455 | 24187 | 32.313 | .382 | 75 | | 45.2 | | | | | 4 |
| Wet Bulb | 78945 | 22454 | 29.712 | .345 | 75 | | 45.2 | | | | | 4 |
| Dew Point | 67322 | 13816 | 18.421 | .495 | 75 | 1.1 | 62.0 | | | | | 4 |

PSYCHROMETRIC SUMMARY

24-00-1102

[illegible]

PSYCHROMETRIC SUMMARY

YFARS

Fig. 1.

474

6-11-11
HOURS 11-12

[illegible]0.26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YFARS

55-
MONTH

PAGE 1220-1420
HOURS 11:50 A.M.

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 100-1457
HOURS 5 10

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|------|------|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|-----|-----|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| / | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1.6 | 1.3 | 3.2 | 9.9 | 16.8 | 11.4 | 9.4 | 7.2 | 4.1 | 2.6 | 2. | | | | | | | | | | | | | | | | | | | | | | | | | | | 762 | 762 | 762 |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 44

USAFETAC

PSYCHROMETRIC SUMMARY

FF
MON

PAGE 156-17
HOURS 5 7

[illegible]0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM
JUL 64

USAFETAC

AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

| | |
|---------|----------------|
| 74571 | FT CAMPBELL KY |
| STATION | STATION NAME |

73-51

YEARS

FEA
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|----------|-----------|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | | |
| 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | | |
| 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | 3 | |
| 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | 21 | 11 | 4 |
| 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | 24 | 5 | 2 |
| 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | 19 | 15 |
| 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | 27 | 14 | 10 |
| 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | 31 | 13 |
| 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | 23 | 15 |
| 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 19 | 26 | 9 |
| 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 | 29 | 25 | 8 |
| 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 32 | 32 | 21 | 16 |
| 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | 49 | 47 | 1 |
| 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 51 | 51 | 42 | 35 |
| 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 | 52 | 30 |
| 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 33 | 33 | 41 | 42 |
| 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 42 | 42 | 35 | 29 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | 35 | 41 | 24 |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 39 | 39 | 36 | 47 |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 41 | 41 | 43 | 41 |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

73-81

FF-4
MONITOR

STATION

STATION NAME

YEARS

PAGE 2

1075-2762

HOURS: 11.5.7.

[illegible]

PSYCHROMETRIC SUMMARY

73-81

YEARS

FF 2
MCM

PAGE 1 7-2300-2300
HOURS 1-5-1

[illegible]

PSYCHROMETRIC SUMMARY

73-51

YEARS

FFA
MONT

PA. - ALL
HOURS . . .

[illegible]

PSYCHROMETRIC SUMMARY

407 - 10 CAMPBELL KY

73-51

FF -

—

41 i

40-205

F 4.5

YEARS

STAT 39 NAME

STAR 20

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------------|-------------------------------------|-----|------|-----|------|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | De- Point |
| / | . | 1 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / | . | 2 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / | . | 3 | 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / | . | 4 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / | . | 5 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / | . | 6 | 4.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / | . | 7 | 4.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / | . | 8 | 5.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / | . | 9 | 6.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / | . | 10 | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / | . | 11 | 7.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -1 / | . | 12 | 8.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -1 / | . | 13 | 9.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -1 / | . | 14 | 9.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | 4.2 | 34.6 | 5.9 | 14.0 | 7.6 | 4.4 | 3.1 | 1.7 | .9 | .5 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | ΣX^2 | ΣX | \bar{X} | s_a | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|
| Rel. Hum. | 707.43 | 455.95 | 66.616 | .987 | 6.96 | + 0 F | + 32 F | + 67 F | + 73 F | + 80 F | + 93 F |
| Dry Bulb | 6678.0 | 2272.92 | 37.313 | 1.991 | 6.96 | .7 | 275.5 | 11.1 | 2.6 | | |
| Wet Bulb | 6671.1 | 2222.5 | 33.312 | 1.49 | 6.96 | .6 | 346.9 | | | | |
| De- Point | 53.1578 | 16.358 | 26.317 | .425 | 6.96 | 15.7 | 469.9 | | | | |

PSYCHROMETRIC SUMMARY

MA
MONTH

PAGE 1 0000-0200
HOURS 5.3

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

2-1-1

STAT 24

STATION NAME

YEARS

• •

2 2

1976

| Temp F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-----------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-----------|----------|----------|-----------|------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 73.0 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 |
| 73.5 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 |
| 74.0 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 |
| 74.5 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 |
| 75.0 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 |
| 75.5 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 |
| 76.0 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 |
| 76.5 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 |
| 77.0 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 |
| 77.5 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 |
| 78.0 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

1990

[illegible]

REVISED PREVIOUS EDITIONS OF THIS WORK ARE OBSOLETE

0.265 (OL A)

FORM 04

USAFETAC

PSYCHROMETRIC SUMMARY

73-51

YEARS

U. S. 2
M. 1000

24-25
HOURS

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAJ : 74-112

[illegible]

PSYCHROMETRIC SUMMARY

73-31

YEARS

48
42012

PAGE 19 2-11-7
HOURS 5.30

[illegible]

PSYCHROMETRIC SUMMARY

73-91

YEARS

□ □ □ □

1. 5-14
HOURS 5

[illegible]

THE VARIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

NOVA

USAFETAC

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|----------------|
| 447 | AT CAMPBELL NY |

71 ARS

41

[illegible]

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 1 | 74.6 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
|---------|--------------|

YEARS

• 4

• 5

• 2 •

111

[illegible]

PSYCHROMETRIC SUMMARY

STATION NAME

7-29

YEARS

42

44

DATE: 11-11-68
HOURS: 10:00

[illegible]

PSYCHROMETRIC SUMMARY

06710 ST CAMPBELL KY

72-31

STATION

STATION NAME

YEARS

100

2024

Page 2

— — — — —

MOJRS S. T

[illegible]

| Element (X) | ΣX^2 | ΣX | \bar{X} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | = 0 F | = 32 F | = 67 F | = 73 F | = 80 F | = 93 F | |
| Rel. Hum. | 4491359 | 59307 | 73.213 | 9.556 | 810 | | | | | | | |
| Dry Bulb | 7160299 | 41117 | 50.76 | 9.547 | 810 | | 1.6 | 3.2 | 1 | | | 6 |
| Wet Bulb | 1821525 | 37759 | 46.64 | 9.33 | 810 | | 5.1 | 2 | | | | 7 |
| Dew Point | 1519925 | 34735 | 43.115 | 9.287 | 810 | | 17.8 | | | | | 9 |

PSYCHROMETRIC SUMMARY

200
2004

PAGE 1 200-1800
HOURS 11:51

[illegible]

PSYCHROMETRIC SUMMARY

[illegible]

PSYCHROMETRIC SUMMARY

745747 FT CAMPBELL KY
STATION STATION NAME

73-01

YEARS

AD.
MCM'4

455

1400-1400
HOURS S. T.

| | Temp. (F) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL D.B., W.B. | Dry Bulb | Wet Bulb | Dew Point | |
|-------------|--------------|-------|--------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------------------|----------|----------|-----------|----|
| / / | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 |
| / / | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| / / | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | | 4.4 | 7.2 | 17.4 | 11.2 | 11.1 | 4.3 | 13.5 | 17.4 | 7.7 | 6.2 | 1.6 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | 612 | 12 |
| Element (X) | X' | S X | X̄ | s _x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 227.335 | 40273 | 49.718 | .217 | 810 | = 0 F | = 32 F | = 67 F | = 73 F | = 80 F | = 93 F | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 3599912 | 533.6 | 65.810 | .640 | 810 | | | 45.0 | 25.6 | 16.2 | | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 2479812 | 443.8 | 54.7 | .328 | 810 | | | .7 | 4.4 | | | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 1725198 | 36320 | 44.810 | .929 | 810 | | 12.1 | .1 | | | | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|---------|----------------|
| 4671 | FT CAMPBELL KY |
| STATION | STATION NAME |

YEARS

PAGE 1 100-1717
NCHS 51

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOT4L | | | | |
|--------------|-------------------------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----|-----------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | +31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 1 / 57 | | | | | | | | | | | | | | | | | | | .4 | | | | | | | | | | | | | | | | | | |
| 1 / 58 | | | | | | | | | | | | | | | | | | | .4 | | | | | | | | | | | | | | | | | | |
| 4 / 57 | | | | | | | | | | | | | .1 | .1 | .4 | .6 | 1.4 | 1.7 | .6 | .1 | | | | | | | | | | | | | | | | | |
| 1 / 51 | | | | | | | | | | | | .1 | .4 | .6 | 1.4 | 1.7 | .6 | .1 | | | | | | | | | | | | | | | | | | | |
| 1 / 79 | | | | | | | | .4 | .4 | .7 | 1.5 | 1.7 | 1.5 | .6 | .7 | | | | | | | | | | | | | | | | | | | | | | |
| 2 / 77 | | | | | | | .1 | .1 | .7 | 1.6 | .7 | .5 | 1.2 | .5 | .1 | | | | | | | | | | | | | | | | | | | | | | |
| 2 / 75 | | | | | | | .1 | .7 | .7 | 1.6 | .9 | .6 | .1 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 / 77 | | | | | | | .5 | .7 | .9 | 1.1 | 1.1 | 1.4 | .5 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 71 | | | | | .4 | .7 | .7 | .7 | .7 | 1.5 | .6 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 69 | | | | .4 | 1.5 | 1.2 | .2 | .5 | .7 | .6 | 1.5 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 67 | | | | .5 | .7 | .9 | .1 | .5 | 1.1 | 1.5 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 / 65 | | | .2 | .5 | .4 | .2 | .5 | .5 | .4 | 2.1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 / 61 | | | 1.5 | .5 | .4 | .5 | .2 | 1.1 | 2.5 | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 61 | | | 1.1 | .4 | .5 | .6 | .7 | .4 | 1.9 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 59 | .1 | | .9 | .4 | .5 | 1.1 | .2 | .7 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 57 | | | .5 | .5 | .9 | 1.1 | 1.2 | 2.5 | 1.2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 55 | | | .5 | 1.1 | .4 | .7 | .1 | .4 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 / 53 | | | .2 | .2 | .9 | .1 | .4 | .5 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 51 | | | .4 | 1.5 | .9 | .6 | .1 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 49 | | | .1 | .2 | 1.1 | .7 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 / 47 | | | .5 | | .5 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 / 41 | | | .1 | | .1 | | .5 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

STATION NAME CAMPBELL KY

YEARS

10

DATE: 10-1-77

USAFETAC

REF. AT CAMPBELL NY

STATION

STATION NAME

3-51

YEARS

10

$$M \subseteq N^* =$$

DATE: 11-27-57
HOURS: 8:00

PSYCHROMETRIC SUMMARY

[illegible]

1940

5. A. NAME

YEARS

2000

10

1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 26

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

-2-

MAY 1960

-1-

MAY 1960

| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | |
|-------|-------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|---|
| F. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | + 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| .1 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element X | Zx' | Zx | X̄ | s _x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-----------|---------|--------|--------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|
| | | | | | | + 0 F | + 32 F | + 67 F | + 73 F | + 80 F | + 93 F |
| Rel Hum | 1234567 | 471135 | 51.777 | .431 | 643 | | | | | | |
| Dry Bulb | 1234567 | 345678 | 51.777 | .554 | 643 | | | | | | |
| Wet Bulb | 1234567 | 345678 | 51.777 | .554 | 643 | | | | | | |
| Dew Point | 1234567 | 345678 | 44.777 | .496 | 643 | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

2000

[illegible]

PSYCHROMETRIC SUMMARY

44 Y
M-20-20

PAGE 2 7675-1947
HOURS 5.1

[illegible]

PSYCHROMETRIC SUMMARY

73-31

YEARS

MAY
1964

PAGE 3 1470-1475
HOURS 5.1

[illegible]

| Element (X) | $\Sigma X'$ | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|
| Rel. Num. | | | | | | $\leq 0^\circ F$ | $\leq 32^\circ F$ | $\leq 67^\circ F$ | $\leq 73^\circ F$ | $\leq 80^\circ F$ | $\leq 93^\circ F$ | |
| Dry Bulb | 2944427 | 47525 | 56.916 | 7.51 | 837 | | | 71.7 | 48.6 | 21.7 | | 9 |
| Wet Bulb | 4427213 | 60998 | 72.8 | 8.216 | 837 | | | 29.2 | 6. | | | 93 |
| Dew Point | 3318183 | 52377 | 62.6 | 6.967 | 837 | | | | | | | 9 |
| | 2654849 | 46469 | 55.5 | 9.469 | 837 | | 1.2 | 9.5 | .4 | | | 9 |

PSYCHROMETRIC SUMMARY

7-31

YEARS

DAY
MCMXX

PAGE 1 100-2000
HOURS 1, 5, 7

[illegible]

| | |
|-------------|--------------|
| PLAT. NO. | STATION NAME |
| STATION NO. | STATION NAME |

PSYCHROMETRIC SUMMARY

-3-51

YEARS

—

100-443887-1

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

[illegible]

NY 100 CAMPBELL NY

| STATE | STATE IN NAME |
|-------|----------------|
| AL | ALABAMA |
| AK | ALASKA |
| AR | ARKANSAS |
| CA | CALIFORNIA |
| CO | COLORADO |
| CT | CONNECTICUT |
| DE | DELAWARE |
| FL | FLORIDA |
| GA | GEORGIA |
| HI | HAWAII |
| IA | IOWA |
| ID | IDaho |
| IL | ILLINOIS |
| IN | INDIANA |
| KS | KANSAS |
| KY | KENTUCKY |
| LA | LOUISIANA |
| MA | MASSACHUSETTS |
| MD | MARYLAND |
| ME | MAINE |
| MI | MICHIGAN |
| MN | MINNESOTA |
| MO | MISSOURI |
| MS | MISSISSIPPI |
| MT | MONTANA |
| NE | NEBRASKA |
| NH | NEW HAMPSHIRE |
| NJ | NEW JERSEY |
| NM | NEW MEXICO |
| NY | NEW YORK |
| NC | NORTH CAROLINA |
| ND | NORTH DAKOTA |
| OH | OHIO |
| OK | OKLAHOMA |
| OR | OREGON |
| PA | PENNSYLVANIA |
| RI | RHODE ISLAND |
| SC | SOUTH CAROLINA |
| SD | SOUTH DAKOTA |
| SE | SOUTH EAST |
| SI | SOUTH ISLAND |
| SK | SOUTH KANSAS |
| SN | SOUTH NORTHERN |
| SP | SOUTH PRAIRIE |
| SS | SOUTH SOUTHERN |
| ST | SOUTH TEXAS |
| SW | SOUTH WEST |
| TA | Texas |
| TE | TEXAS |
| TX | TEXAS |
| UT | UTAH |
| VA | VIRGINIA |
| VT | VERMONT |
| WA | WASHINGTON |
| WI | WISCONSIN |
| WV | WEST VIRGINIA |
| WY | WYOMING |

3-61

YEARS

100

[illegible]

PSYCHROMETRIC SUMMARY

STATE OF ARIZONA
COUNTY OF MARICOPA

9-21

YEARS

2.0

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

[illegible]

JUSAFETAC
ALBANY
JUL 30 0265 C-1A
RECEIVED THE PRESIDENT OF THE UNITED STATES

PSYCHROMETRIC SUMMARY

٥٣-٥٤!

YEARS

20

DATE _____ FILE NO. _____

HQ. FBI - NEW YORK

| Temp F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|---------------|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. Wet Bulb | Dry Bulb Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 13.0 | 13.1 | 13.2 | 13.3 | 13.4 | 13.5 | 13.6 | 13.7 | 13.8 | 13.9 | 14.0 | 14.1 | 14.2 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 | 14.8 | 14.9 | 15.0 | 15.1 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 | 15.8 | 15.9 | 16.0 | 16.1 | 16.2 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 | 16.8 | 16.9 | 17.0 | 17.1 | 17.2 | 17.3 | 17.4 | 17.5 | 17.6 | 17.7 | 17.8 | 17.9 | 18.0 | 18.1 | 18.2 | 18.3 | 18.4 | 18.5 | 18.6 | 18.7 | 18.8 | 18.9 | 19.0 | 19.1 | 19.2 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.8 | 19.9 | 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 | 30.1 | 30.2 | 30.3 | 30.4 | 30.5 | 30.6 | 30.7 | 30.8 | 30.9 | 31.0 | 31.1 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 | 31.8 | 31.9 | 32.0 | 32.1 | 32.2 | 32.3 | 32.4 | 32.5 | 32.6 | 32.7 | 32.8 | 32.9 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 | 33.7 | 33.8 | 33.9 | 34.0 | 34.1 | 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 | 35.7 | 35.8 | 35.9 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 | 37.5 | 37.6 | 37.7 | 37.8 | 37.9 | 38.0 | 38.1 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 | 39.0 | 39.1 | 39.2 | 39.3 | 39.4 | 39.5 | 39.6 | 39.7 | 39.8 | 39.9 | 40.0 | 40.1 | 40.2 | 40.3 | 40.4 | 40.5 | 40.6 | 40.7 | 40.8 | 40.9 | 41.0 | 41.1 | 41.2 | 41.3 | 41.4 | 41.5 | 41.6 | 41.7 | 41.8 | 41.9 | 42.0 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 42.9 | 43.0 | 43.1 | 43.2 | 43.3 | 43.4 | 43.5 | 43.6 | 43.7 | 4 |

0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

VFARS

FAU 1 100-1700
HOURS 10:00-11:00

[illegible]

PSYCHROMETRIC SUMMARY

73-21

YEARS

1999

PAGE 1

[illegible]

PSYCHROMETRIC SUMMARY

73-51

STATION

STATION NAME

YEARS

U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.

24 .

ALL
HOURS

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE - ALL
HOURS - S.

[illegible]

| STATION | STATION NAME |
|---------|--------------|
| 1 | STATION 1 |
| 2 | STATION 2 |
| 3 | STATION 3 |
| 4 | STATION 4 |
| 5 | STATION 5 |
| 6 | STATION 6 |
| 7 | STATION 7 |
| 8 | STATION 8 |
| 9 | STATION 9 |
| 10 | STATION 10 |
| 11 | STATION 11 |
| 12 | STATION 12 |
| 13 | STATION 13 |
| 14 | STATION 14 |
| 15 | STATION 15 |
| 16 | STATION 16 |
| 17 | STATION 17 |
| 18 | STATION 18 |
| 19 | STATION 19 |
| 20 | STATION 20 |
| 21 | STATION 21 |
| 22 | STATION 22 |
| 23 | STATION 23 |
| 24 | STATION 24 |
| 25 | STATION 25 |
| 26 | STATION 26 |
| 27 | STATION 27 |
| 28 | STATION 28 |
| 29 | STATION 29 |
| 30 | STATION 30 |
| 31 | STATION 31 |
| 32 | STATION 32 |
| 33 | STATION 33 |
| 34 | STATION 34 |
| 35 | STATION 35 |
| 36 | STATION 36 |
| 37 | STATION 37 |
| 38 | STATION 38 |
| 39 | STATION 39 |
| 40 | STATION 40 |
| 41 | STATION 41 |
| 42 | STATION 42 |
| 43 | STATION 43 |
| 44 | STATION 44 |
| 45 | STATION 45 |
| 46 | STATION 46 |
| 47 | STATION 47 |
| 48 | STATION 48 |
| 49 | STATION 49 |
| 50 | STATION 50 |
| 51 | STATION 51 |
| 52 | STATION 52 |
| 53 | STATION 53 |
| 54 | STATION 54 |
| 55 | STATION 55 |
| 56 | STATION 56 |
| 57 | STATION 57 |
| 58 | STATION 58 |
| 59 | STATION 59 |
| 60 | STATION 60 |
| 61 | STATION 61 |
| 62 | STATION 62 |
| 63 | STATION 63 |
| 64 | STATION 64 |
| 65 | STATION 65 |
| 66 | STATION 66 |
| 67 | STATION 67 |
| 68 | STATION 68 |
| 69 | STATION 69 |
| 70 | STATION 70 |
| 71 | STATION 71 |
| 72 | STATION 72 |
| 73 | STATION 73 |
| 74 | STATION 74 |
| 75 | STATION 75 |
| 76 | STATION 76 |
| 77 | STATION 77 |
| 78 | STATION 78 |
| 79 | STATION 79 |
| 80 | STATION 80 |
| 81 | STATION 81 |
| 82 | STATION 82 |
| 83 | STATION 83 |
| 84 | STATION 84 |
| 85 | STATION 85 |
| 86 | STATION 86 |
| 87 | STATION 87 |
| 88 | STATION 88 |
| 89 | STATION 89 |
| 90 | STATION 90 |
| 91 | STATION 91 |
| 92 | STATION 92 |
| 93 | STATION 93 |
| 94 | STATION 94 |
| 95 | STATION 95 |
| 96 | STATION 96 |
| 97 | STATION 97 |
| 98 | STATION 98 |
| 99 | STATION 99 |
| 100 | STATION 100 |

PSYCHROMETRIC SUMMARY

YFARS

۱۰۰
 ۱۰۱

742

23-1-1

[illegible]

0.265 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

۱۰۰
 ۱۰۰

Journal of Interpersonal Violence 26(10)

[illegible]

PSYCHROMETRIC SUMMARY

4-3

YEARS

لعل

201-1100-1100

[illegible]

U.S. AIR FORCE
 1. NAME OF STATION
 2. LOCATION OF STATION

PSYCHROMETRIC SUMMARY

3. DATE OF REPORT
 4. STATION NAME

5. TO-BO

YEARS

MONTH

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL DB-WB | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|-------------|-------------------------------------|-----|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-------------------|-------------------|--------------------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1.4 | 1.1 | 4.31 | 1.14 | 1.17 | 1.16 | 1.4 | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | |

USAFETAC 026.5 (G. A.) 1964

| Element | X | X | X | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-----------|-----|-----|-----|----------|------------------------------------|------|------|------|------|-------|
| Rel. Hum. | 1.5 | 1.5 | 1.5 | 1.5 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F |
| Dry Bulb | 1.5 | 1.5 | 1.5 | 1.5 | | | | | | |
| Wet Bulb | 1.5 | 1.5 | 1.5 | 1.5 | | | | | | |
| Dew Point | 1.5 | 1.5 | 1.5 | 1.5 | | | | | | |

[illegible]

٢٢٠

VEARS

[illegible]

USAFETAC

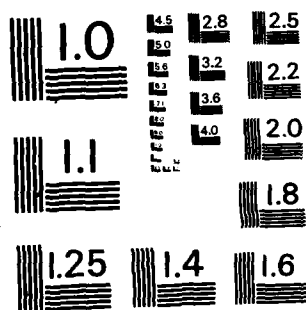
AD-A128 113

55
FORT CAMPBELL CAMPBELL AAF KENTUCKY REVISED UNIFORM
SUMMARY OF SURFACE WE..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 82
UNCLASSIFIED USAFETAC/DS-82/063 SBI-AD-E850 364

F/G 4/2

NL

END
DATE
FILMED
6 83
DTIC



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PSYCHROMETRIC SUMMARY

73-81

411

STATION

STATION NAME

YEARS

MONTH

PAGE : 1800-2700

HOURS 9:00 A.M. - 5:00 P.M.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 97 / 97 | | | | | | | | | | | .1 | | .1 | | | | | 3 | 3 | | | | | | | | | | | | | |
| 96 / 95 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 94 / 93 | | | | | | | .1 | .5 | .2 | .4 | | | | | | | | 10 | 10 | | | | | | | | | | | | | |
| 91 / 91 | | | | | | .7 | .1 | .1 | .5 | .1 | | | | | | | | 9 | 9 | | | | | | | | | | | | | |
| 89 / 89 | | | | | .6 | .7 | 1.1 | .7 | .6 | .4 | | | | | | | | 34 | 34 | | | | | | | | | | | | | |
| 87 / 87 | | | | .2 | .6 | 1.1 | 1.9 | 1.2 | .7 | .4 | | | | | | | | 51 | 51 | | | | | | | | | | | | | |
| 85 / 85 | | | .2 | .4 | 1.8 | 3.1 | 2.0 | 1.3 | .1 | .1 | | | .1 | | | | | 77 | 77 | | | | | | | | | | | | | |
| 84 / 83 | | | .5 | 1.6 | 2.2 | 3.7 | 1.8 | 1.0 | .6 | | | .1 | | | | | | 89 | 89 | | | | | | | | | | | | | |
| 82 / 81 | | | 1.7 | 2.3 | 3.9 | 2.3 | 1.8 | .4 | | | | | | | | | | 97 | 97 | 15 | | | | | | | | | | | | |
| 81 / 79 | | | 2.7 | 4.3 | 3.3 | 2.9 | 1.1 | .5 | .1 | .1 | | | | | | | | 126 | 126 | 34 | 7 | | | | | | | | | | | |
| 78 / 77 | | .5 | 2.7 | 4.8 | 2.2 | 1.0 | .6 | .4 | .4 | | | | | | | | | 104 | 104 | 63 | 24 | | | | | | | | | | | |
| 76 / 75 | | .6 | 4.3 | 3.6 | 3.7 | .8 | .1 | .4 | .1 | | | | | | | | | 108 | 108 | 171 | 52 | | | | | | | | | | | |
| 74 / 73 | | .8 | 3.0 | 2.9 | .5 | 1.7 | .2 | .2 | | | | | | | | | | 64 | 64 | 180 | 61 | | | | | | | | | | | |
| 72 / 71 | .1 | 1.0 | 1.7 | 1.7 | .7 | | .4 | | | | | | | | | | | 40 | 40 | 157 | 126 | | | | | | | | | | | |
| 71 / 69 | | .8 | .4 | .5 | .1 | .2 | | | | | | | | | | | | 17 | 17 | 177 | 171 | | | | | | | | | | | |
| 68 / 67 | | .2 | .1 | .1 | .1 | | | | | | | | | | | | | 5 | 5 | 98 | 126 | | | | | | | | | | | |
| 66 / 65 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 28 | 100 | | | | | | | | | | | |
| 64 / 63 | | | | | | | | | | | | | | | | | | | | 17 | 54 | | | | | | | | | | | |
| 62 / 61 | | | | | | | | | | | | | | | | | | | | 13 | 35 | | | | | | | | | | | |
| 61 / 59 | | | | | | | | | | | | | | | | | | | | 4 | 28 | | | | | | | | | | | |
| 58 / 57 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | |
| 56 / 55 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | |
| 54 / 53 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | |
| 52 / 51 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | |
| 51 / 49 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| TOTAL | .1 | 4.2 | 15.7 | 21.5 | 19.7 | 16.2 | 11.2 | 6.6 | 3.5 | 1.4 | .4 | .2 | | | | | | 837 | 937 | | 837 | | | | | | | | | | | |

| Element (X) | Σx' | Σx | X | σ _x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|---------|-------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|----|
| Rel. Hum. | 4079758 | 57481 | 68.7 | 12.584 | 837 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 5393062 | 67030 | 80.1 | 5.475 | 837 | | | 92.8 | 85.9 | 48.2 | 1.6 | 93 |
| Wet Bulb | 4383862 | 60478 | 72.3 | 4.890 | 837 | | | 86.1 | 47.0 | 3.6 | | 93 |
| Dew Point | 3943327 | 57287 | 68.4 | 5.178 | 837 | | | 65.2 | 18.2 | .2 | | 93 |

PSYCHROMETRIC SUMMARY

74671 FT CAMPBELL KY

73-81

441

STATION

STATION NAME

YEARS

14000

F A 55

7-100-2342

NO. 100 5 2 7

[illegible]

PSYCHROMETRIC SUMMARY

JUL
MON TH

YEARS

ALL

HOURS: 12.5.7.1

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|--------|--------|-------|------|----------|------------------------------------|--------|--------|--------|--------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 41/ 3 | | | | | | | | | | | | .1 | .1 | | | | | 2 | 2 | | | | | |
| 2/ 171 | | | | | | | | | | | .0 | .1 | .1 | | | | | 10 | 10 | | | | | |
| 100/ 69 | | | | | | | | | .0 | .0 | .1 | .0 | .1 | | | | | 14 | 14 | | | | | |
| 101/ 97 | | | | | | | | .0 | .0 | .2 | .1 | .1 | .0 | | | | | 23 | 33 | | | | | |
| 90/ 95 | | | | | | | | .1 | .2 | .3 | .1 | .0 | .0 | | | | | 57 | 57 | | | | | |
| 104/ 93 | | | | | | | .1 | .6 | .5 | .3 | .1 | .1 | | | | | | 112 | 112 | | | | | |
| 100/ 91 | | | | | | .2 | .5 | .5 | .8 | .5 | .3 | .1 | | | | | | 197 | 197 | | | | | |
| 101/ 89 | | | | | .1 | .6 | .7 | 1.4 | .9 | .4 | .3 | | | | | | | 296 | 296 | | | | | |
| 98/ 87 | | | | .1 | .4 | 1.0 | 1.7 | 1.2 | .5 | .2 | .1 | .0 | | | | | | 354 | 354 | | | | | |
| 96/ 85 | | | .0 | .1 | .0 | 2.2 | 1.3 | .9 | .5 | .3 | .0 | .1 | | | | | | 427 | 427 | | | | | |
| 94/ 83 | | | .1 | .9 | 1.4 | 1.5 | 1.1 | .8 | .4 | .1 | .1 | .0 | | | | | | 431 | 431 | 5 | | | | |
| 92/ 81 | | .0 | .4 | 1.4 | 2.3 | 1.1 | .9 | .4 | .1 | .0 | .0 | | | | | | | 457 | 457 | 70 | | | | |
| 90/ 79 | | .1 | 1.7 | 2.1 | 1.7 | 1.2 | .5 | .2 | .2 | .1 | .0 | | | | | | | 527 | 527 | 241 | 21 | | | |
| 77/ 77 | | .6 | 2.5 | 2.9 | 1.5 | .6 | .4 | .3 | .1 | .0 | | | | | | | | 594 | 594 | 419 | 98 | | | |
| 76/ 75 | | 1.3 | 4.4 | 2.9 | 1.4 | .3 | .1 | .1 | .0 | | | | | | | | | 710 | 710 | 873 | 329 | | | |
| 74/ 73 | .1 | 2.5 | 4.7 | 2.6 | .4 | .3 | .1 | .1 | | | | | | | | | | 721 | 721 | 1090 | 567 | | | |
| 77/ 71 | .2 | 2.9 | 5.0 | 1.9 | .3 | .1 | .1 | | | | | | | | | | | 703 | 703 | 1115 | 984 | | | |
| 71/ 69 | .2 | 2.2 | 2.9 | .8 | .2 | .1 | | | | | | | | | | | | 437 | 437 | 1018 | 1255 | | | |
| 67/ 67 | .1 | 1.7 | 1.8 | .5 | .3 | .1 | | | | | | | | | | | | 296 | 296 | 821 | 1109 | | | |
| 66/ 65 | .0 | .9 | .9 | .2 | .2 | | | | | | | | | | | | | 140 | 140 | 437 | 801 | | | |
| 64/ 63 | .0 | .5 | .4 | .2 | .0 | | | | | | | | | | | | | 74 | 74 | 295 | 529 | | | |
| 62/ 61 | .0 | .6 | .3 | .1 | | | | | | | | | | | | | | 61 | 61 | 145 | 392 | | | |
| 61/ 59 | .0 | .3 | .2 | | | | | | | | | | | | | | | 35 | 35 | 103 | 230 | | | |
| 58/ 57 | | .1 | .0 | | | | | | | | | | | | | | | 6 | 6 | 52 | 157 | | | |
| 56/ 55 | | .1 | | | | | | | | | | | | | | | | 7 | 7 | 14 | 92 | | | |
| 54/ 53 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 66 | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 2 | 46 | | | |
| 51/ 49 | | | | | | | | | | | | | | | | | | | | | 13 | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| TOTAL | .613 | .925 | 5.16 | 6.11 | 0 | 9.3 | 7.8 | 6.6 | 4.3 | 2.5 | 1.3 | .5 | .2 | | | | | 6696 | 6696 | | 6696 | | | |
| | | | | | | | | | | | | | | | | | | | | | 6696 | 6696 | | |
| Element (X) | Σx | Σx | Σx | Σx | Σx | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | |
| Rel. Hum. | 36598869 | 884175 | 72.315 | 387 | 6696 | ± 0 F | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F | Total | | | | | | | | | | | | |
| Dry Bulb | 41114767 | 522109 | 78.5 | 7.77 | 6696 | | | 707.9 | 548.3 | 295.4 | 24.6 | 744 | | | | | | | | | | | | |
| Wet Bulb | 33927176 | 475562 | 71.5 | 4.763 | 6696 | | | 626.9 | 298.7 | 21.1 | | 744 | | | | | | | | | | | | |
| Dew Point | 30824499 | 453023 | 67.7 | 5.111 | 6696 | | | 484.8 | 112.8 | .3 | | 744 | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

746710 FT CAMPBELL NY
STATION

73-81

YEARS

AUG
MONTH

PAGE 1 007-2200
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 81 | | | | .1 | | | | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | |
| 79 | | | .5 | .4 | .1 | .2 | | | | | | | | | | | | 12 | | 12 | | | | | | | | | | | | | | | |
| 77 | | | .7 | 1.9 | .8 | .5 | | | | | | | | | | | | 33 | | 33 | | | | | | | | | | | | | | | |
| 75 | | 1.0 | 4.2 | 2.7 | .7 | .5 | | | | | | | | | | | | 76 | | 76 | 8 | 4 | | | | | | | | | | | | | |
| 73 | .6 | 2.7 | 7.3 | 4.2 | .4 | .2 | | | | | | | | | | | | 127 | | 127 | 34 | 16 | | | | | | | | | | | | | |
| 71 | 1.2 | 6.6 | 10.9 | 2.3 | .6 | | | | | | | | | | | | | 180 | | 180 | 107 | 51 | | | | | | | | | | | | | |
| 69 | 1.4 | 10.0 | 6.7 | 1.1 | .2 | | | | | | | | | | | | | 163 | | 163 | 190 | 133 | | | | | | | | | | | | | |
| 67 | 1.2 | 3.6 | 4.8 | .8 | .5 | | | | | | | | | | | | | 89 | | 89 | 215 | 203 | | | | | | | | | | | | | |
| 65 | .2 | 2.4 | 2.5 | .6 | .1 | | | | | | | | | | | | | 49 | | 49 | 86 | 145 | | | | | | | | | | | | | |
| 63 | .5 | 1.6 | 1.8 | .5 | | | | | | | | | | | | | | 36 | | 36 | 74 | 87 | | | | | | | | | | | | | |
| 61 | | 1.7 | 2.3 | | | | | | | | | | | | | | | 33 | | 33 | 31 | 63 | | | | | | | | | | | | | |
| 59 | | 2.2 | 1.2 | | | | | | | | | | | | | | | 27 | | 27 | 32 | 39 | | | | | | | | | | | | | |
| 57 | | .6 | .7 | | | | | | | | | | | | | | | 11 | | 11 | 30 | 34 | | | | | | | | | | | | | |
| 55 | | .1 | .1 | | | | | | | | | | | | | | | 2 | | 2 | 17 | 38 | | | | | | | | | | | | | |
| 53 | | | | | | | | | | | | | | | | | | | | | 4 | 19 | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | | | | | | | | | 1 | 2 | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| TOTAL | 4.9 | 32.3 | 43.4 | 14.6 | 3.5 | 1.4 | | | | | | | | | | | | 877 | | 877 | 937 | 937 | | | | | | | | | | | | | |

| Element (X) | ΣX^1 | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|
| Rel. Hum. | 6094153 | 71781 | 84.9 | 8.308 | 837 | $\leq 0^\circ F$ | $\leq 32^\circ F$ | $\leq 67^\circ F$ | $\leq 73^\circ F$ | $\leq 80^\circ F$ | $\leq 93^\circ F$ | Total |
| Dry Bulb | 4118311 | 58587 | 70.0 | 4.566 | 837 | | | 75.4 | 27.4 | .8 | | 93 |
| Wet Bulb | 3762497 | 56001 | 66.9 | 4.326 | 837 | | | 61.6 | 4.7 | | | 93 |
| Dew Point | 3580161 | 54597 | 65.2 | 4.746 | 837 | | | 45.2 | 2.2 | | | 93 |

| Element (X) | Z _g | Z _g | X | P _g | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|----------------|----------------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 6094153 | 71781 | 84.9 | 8.308 | 837 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | |
| Dry Bulb | 4118311 | 58587 | 77.0 | 4.566 | 837 | | | 75.4 | 27.4 | .8 | | 93 |
| Wet Bulb | 3762497 | 56001 | 66.9 | 4.326 | 837 | | | 61.6 | 4.7 | | | 93 |
| Dew Point | 3580161 | 54597 | 65.2 | 4.746 | 837 | | | 45.2 | 2.2 | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

745710
STATION

FT CAMPBELL KY

73-81

AUG
MONTH

PAGE 1

0370-2500

HOURS: L. S. T. 1

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|--------------|-----|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------------------|-------------------|----------|-----------|
| 79 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | | |
| 77 | | | .4 | .7 | .2 | | | | | | | | | | | | | 11 | 11 | | |
| 75 | | | 1.4 | 1.6 | .4 | .4 | | | | | | | | | | | | 31 | 31 | | |
| 72 | .5 | 2.3 | 4.9 | 3.7 | .1 | .1 | | | | | | | | | | | | 97 | 97 | 14 | 8 |
| 71 | 1.2 | 6.3 | 9.6 | 1.8 | | | | | | | | | | | | | | 158 | 158 | 62 | 25 |
| 69 | 2.4 | 11.9 | 6.6 | .6 | .2 | | | | | | | | | | | | | 182 | 182 | 177 | 110 |
| 67 | 1.4 | 8.4 | 5.1 | 1.1 | .1 | | | | | | | | | | | | | 135 | 135 | 216 | 700 |
| 65 | .8 | 3.3 | 2.9 | 1.0 | | | | | | | | | | | | | | 67 | 67 | 111 | 153 |
| 63 | .4 | 2.9 | 1.3 | .5 | | | | | | | | | | | | | | 42 | 42 | 88 | 97 |
| 61 | .4 | 1.8 | 1.7 | | | | | | | | | | | | | | | 32 | 32 | 44 | 60 |
| 59 | .1 | 2.7 | 1.6 | | | | | | | | | | | | | | | 37 | 37 | 36 | 35 |
| 57 | | 2.5 | .4 | | | | | | | | | | | | | | | 24 | 24 | 46 | 38 |
| 55 | | 1.4 | .7 | | | | | | | | | | | | | | | 18 | 18 | 24 | 49 |
| 53 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 14 | 22 |
| 51 | | | | | | | | | | | | | | | | | | | | 5 | 14 |
| 49 | | | | | | | | | | | | | | | | | | | | | 6 |
| TOTAL | 7.2 | 43.7 | 36.4 | 11.0 | 1.2 | .5 | | | | | | | | | | | | 837 | 837 | 837 | 837 |

PSYCHROMETRIC SUMMARY

| | |
|---------|----------------|
| 7467.0 | FT CAMPBELL NY |
| STATION | STATION NAME |

73-61

YEARS

AUG
MONTH

PAGE 1 2620-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG
MONTH

PAGE 1 7900-1100
HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|------|-------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 96/ 95 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | | | .5 | | | | | | | | 4 | 4 | | | | | | | | | | | | | |
| 92/ 91 | | | | | | .2 | .1 | .6 | 1.0 | .2 | .1 | .1 | | | | | | 20 | 20 | | | | | | | | | | | | | |
| 90 / 89 | | | | | .2 | .1 | 1.0 | .8 | .4 | .1 | .2 | | | | | | | 24 | 24 | | | | | | | | | | | | | |
| 88/ 87 | | | | | .4 | 1.1 | 3.3 | 2.7 | .2 | .2 | | | | | | | | 67 | 67 | | | | | | | | | | | | | |
| 86/ 85 | | | | | .8 | 5.1 | 2.5 | .5 | .2 | .1 | | | | | | | | 78 | 78 | | | | | | | | | | | | | |
| 84/ 83 | | | .1 | 1.0 | 4.5 | 4.1 | 1.6 | .1 | .5 | .1 | | | | | | | | 100 | 100 | | | | | | | | | | | | | |
| 82/ 81 | | | .7 | 1.8 | 4.5 | 2.4 | 1.6 | 1.2 | .5 | | | | | | | | | 106 | 106 | 4 | | | | | | | | | | | | |
| 80/ 79 | | | 1.8 | 3.5 | 4.1 | 1.8 | 1.3 | .7 | | .1 | | | | | | | | 111 | 111 | 10 | 1 | | | | | | | | | | | |
| 78/ 77 | | .2 | 1.6 | 4.3 | 1.9 | 1.8 | 1.3 | .5 | | | | | | | | | | 97 | 97 | 58 | 8 | | | | | | | | | | | |
| 76/ 75 | .2 | 1.1 | 2.7 | 1.8 | 1.4 | 2.0 | 1.7 | .1 | .1 | | | | | | | | | 88 | 88 | 173 | 28 | | | | | | | | | | | |
| 74/ 73 | .1 | 1.0 | 2.0 | 1.0 | 1.6 | .8 | .2 | | .1 | | | | | | | | | 57 | 57 | 197 | 75 | | | | | | | | | | | |
| 72/ 71 | .1 | 1.8 | .8 | 1.0 | 1.2 | .5 | .1 | .1 | | | | | | | | | | 47 | 47 | 137 | 166 | | | | | | | | | | | |
| 70/ 69 | .2 | .6 | 1.0 | .4 | .2 | | | | | | | | | | | | | 20 | 20 | 73 | 202 | | | | | | | | | | | |
| 68/ 67 | .1 | .2 | .4 | .5 | | | | | | | | | | | | | | 10 | 10 | 85 | 105 | | | | | | | | | | | |
| 66/ 65 | | .1 | .4 | | | | | | | | | | | | | | | 4 | 4 | 51 | 57 | | | | | | | | | | | |
| 64/ 63 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 31 | 51 | | | | | | | | | | | |
| 62/ 61 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 15 | 54 | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 2 | 43 | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 1 | 27 | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| TOTAL | .8 | 5.4 | 11.5 | 15.12 | 7.9 | 20.0 | 14.7 | 7.4 | 3.0 | 1.6 | .4 | .1 | | | | | | 837 | 837 | 837 | | | | | | | | | | | | |

| Element (X) | Z _{X'} | Z _X | Y | σ _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-----------------|----------------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 3940835 | 56439 | 67.4 | 12.715 | 837 | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 5393587 | 67023 | 80.1 | 5.652 | 837 | | | 92.2 | 83.7 | 51.2 | .6 | 93 |
| Wet Bulb | 4338721 | 60165 | 71.9 | 4.086 | 837 | | | 81.9 | 49.1 | .9 | | 93 |
| Dew Point | 3977959 | 56817 | 67.9 | 5.027 | 837 | | | 65.0 | 12.4 | | | 93 |

PSYCHROMETRIC SUMMARY

| | |
|---------|----------------|
| 74671 | FT CAMPBELL KY |
| STATION | STATION NAME |

73-81

YEARS

AUG
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AU 5

YEARS

MONTH

1500-1750

HOURS 10.5.7.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 96/ 96 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 95/ 97 | | | | | | | | | | | | .1 | .2 | | | | | 3 | 3 | | | | | | | | | | | | | | | | |
| 96/ 95 | | | | | | | | .1 | | .1 | .7 | .7 | .2 | | | | | 16 | 16 | | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | .2 | .2 | .8 | .5 | .1 | 1.1 | .1 | | | | 26 | 26 | | | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | .5 | 1.4 | 1.4 | 1.0 | 1.0 | .4 | | | | | | 47 | 47 | | | | | | | | | | | | | | | | |
| 91/ 89 | | | | | | .6 | 1.3 | 5.4 | 2.9 | .5 | | .4 | | | | | | 92 | 92 | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | 1.7 | 4.5 | 3.1 | 1.1 | .4 | .2 | | | | | | 86 | 86 | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | .6 | 3.5 | 5.6 | 2.5 | 1.2 | .5 | .6 | | | | | | | 171 | 121 | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | .7 | 1.9 | 3.7 | 3.2 | 2.4 | 1.1 | .2 | | | | | | | | 105 | 105 | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | 1.3 | 2.4 | 2.2 | 2.2 | 1.9 | 1.2 | .5 | .1 | | | | | | 98 | 98 | | | | | | | | | | | | | | | | |
| 81/ 79 | | .2 | .6 | 1.4 | 1.9 | 1.8 | .5 | 1.1 | .6 | .4 | .1 | | | | | | | 72 | 77 | 12 | | | | | | | | | | | | | | | |
| 78/ 77 | | .7 | 1.7 | 2.5 | .8 | .7 | 1.0 | .7 | .4 | .1 | | | | | | | | 66 | 66 | 72 | 2 | | | | | | | | | | | | | | |
| 76/ 75 | | .7 | 1.1 | 1.7 | .8 | .5 | 1.7 | .5 | | | | | | | | | | 46 | 46 | 187 | 22 | | | | | | | | | | | | | | |
| 74/ 73 | | .1 | .6 | 1.3 | | .2 | .2 | | | | | | | | | | | 21 | 21 | 275 | 66 | | | | | | | | | | | | | | |
| 72/ 71 | | 1.2 | .5 | .2 | | | | | | | | | | | | | | 16 | 16 | 174 | 11 | | | | | | | | | | | | | | |
| 71/ 69 | | 1.0 | .6 | .5 | | | | | | | | | | | | | | 17 | 17 | 91 | 176 | | | | | | | | | | | | | | |
| 67/ 67 | | .1 | | .1 | .1 | | | | | | | | | | | | | 3 | 3 | 65 | 149 | | | | | | | | | | | | | | |
| 66/ 65 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 41 | 95 | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 27 | 47 | | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 11 | 32 | | | | | | | | | | | | | | |
| 61/ 59 | | | | | | | | | | | | | | | | | | | | | 24 | | | | | | | | | | | | | | |
| 59/ 57 | | | | | | | | | | | | | | | | | | | | | 33 | | | | | | | | | | | | | | |
| 58/ 55 | | | | | | | | | | | | | | | | | | | | | 41 | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| 51/ 49 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| 49/ 47 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| 47/ 45 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TOTAL | 4.1 | 4.4 | 9.1 | 9.6 | 13.4 | 20.0 | 19.4 | 10.0 | 4.4 | 3.2 | 1.7 | 1.7 | .1 | | | | | 837 | 837 | | 837 | | | | | | | | | | | | | | |

| Element (X) | Σx^1 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----|
| | | | | | | $\leq 0^\circ F$ | $\leq 32^\circ F$ | $\leq 47^\circ F$ | $\leq 73^\circ F$ | $\leq 80^\circ F$ | $\leq 93^\circ F$ | |
| Rel. Hum. | 3529427 | 48919 | 58.4 | 14.274 | 837 | | | | | | | |
| Dry Bulb | 5875732 | 69954 | 83.6 | 5.908 | 837 | | | 97.9 | 88.9 | 69.9 | 5.1 | 93 |
| Wet Bulb | 4386617 | 63539 | 72.3 | 3.829 | 837 | | | 84.1 | 53.7 | .6 | | 93 |
| Dew Point | 3752574 | 55862 | 66.7 | 5.392 | 837 | | | 58.3 | 10.0 | | | 93 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

746710 FT CAMPBELL KY

73-81

YEARS

AUG
MONTH

PAGE 1 1800-2000
HOURS U.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|------|------|------|------|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 90 / 90 | | | | | | | | | | | | | | | | | | | .2 | .1 | | | | | | | | | | | | | 3 | 7 | | |
| 89 / 89 | | | | | | | | | | | | | | | | | | .4 | | | | | | | | | | | | | | | 3 | 7 | | |
| 88 / 88 | | | | | | | | | | | .6 | .7 | .2 | .1 | .1 | .1 | | | | | | | | | | | | | | | | 16 | 16 | | | |
| 87 / 87 | | | | | | | | | | .6 | 1.4 | .5 | .2 | .2 | .2 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 86 / 86 | | | | | | .5 | 1.7 | 1.1 | .6 | .1 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | 36 | 36 | | |
| 85 / 85 | | | | | .4 | 2.0 | 2.7 | .8 | .7 | .2 | | | | | | | | | | | | | | | | | | | | | | | 58 | 58 | | |
| 84 / 84 | | | | .1 | 2.4 | 3.8 | 2.6 | .5 | .5 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | 86 | 86 | | |
| 83 / 83 | | | .2 | .7 | 4.5 | 3.6 | 3.5 | .6 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 111 | 111 | 3 | |
| 82 / 82 | | | .7 | 5.2 | 4.9 | 3.6 | .8 | 1.0 | .5 | | | | | | | | | | | | | | | | | | | | | | | | 114 | 114 | 73 | 2 |
| 81 / 81 | .1 | 1.6 | 3.6 | 4.4 | 3.1 | 1.1 | .5 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | 123 | 123 | 112 | 15 |
| 80 / 80 | .4 | 2.5 | 3.7 | 3.7 | 1.1 | 1.0 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | 177 | 177 | 177 | 64 |
| 79 / 79 | .4 | 1.7 | 2.0 | 1.8 | .6 | .7 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | 92 | 152 | 135 |
| 78 / 78 | .2 | 1.9 | 2.4 | 1.1 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 55 | 145 | 163 |
| 77 / 77 | .1 | .7 | .5 | .7 | .5 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 72 | 22 | 114 | 157 |
| 76 / 76 | | | .4 | .6 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 9 | 61 | 104 |
| 75 / 75 | | | | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 72 | 58 |
| 74 / 74 | | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 2 | 76 | 42 |
| 73 / 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 39 |
| 72 / 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 31 |
| 71 / 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 25 |
| 70 / 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| 69 / 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 1.2 | 9.4 | 15.9 | 24.6 | 19.8 | 14.8 | 7.2 | 3.9 | 1.1 | 1.3 | .6 | .1 | | | | | | | | | | | | | | | | | | | | | 637 | 637 | | 837 |

| Element (X) | ΣX^2 | ΣX | \bar{X} | σ^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum. | 4441261 | 60017 | 71.7 | 12.836 | 837 | $\leq 0 F$ | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | |
| Dry Bulb | 5030471 | 64729 | 77.3 | 5.434 | 837 | | | 91.4 | 76.0 | 31.5 | .7 | 93 |
| Wet Bulb | 4177171 | 59035 | 70.5 | 3.994 | 837 | | | 78.4 | 33.9 | | | 93 |
| Dew Point | 3787296 | 56154 | 67.1 | 4.885 | 837 | | | 58.8 | 9.0 | | | 93 |

PSYCHROMETRIC SUMMARY

74472 FT CAMPBELL KY
STATION STATION NAME

73-91

YEARS

S F D
MONTH

PAGE 1 2300-0500
HOURS 12.5.11

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 7 / 77 | | | .0 | | | | | | | | | | | | | | | 2 | 7 | | | | | | | | | | | | | | | |
| 7 / 75 | | | .2 | | | .1 | .4 | | | | | | | | | | | 6 | 6 | | | | | | | | | | | | | | | |
| 4 / 73 | | .4 | 1.9 | .7 | .1 | | | | | | | | | | | | | 25 | 25 | 3 | | | | | | | | | | | | | | |
| / 71 | | 2.5 | 3.6 | 1.4 | .2 | | | | | | | | | | | | | 52 | 62 | 10 | 5 | | | | | | | | | | | | | |
| / 69 | .1 | 6.4 | 6.1 | 1.0 | .1 | | | | | | | | | | | | | 111 | 111 | 49 | 31 | | | | | | | | | | | | | |
| / 67 | | 3.5 | 5.2 | .1 | .1 | | | | | | | | | | | | | 72 | 72 | 113 | 69 | | | | | | | | | | | | | |
| 6 / 65 | | 4.7 | 4.1 | .2 | | | | | | | | | | | | | | 73 | 73 | 89 | 78 | | | | | | | | | | | | | |
| 4 / 63 | .7 | 5.3 | 1.4 | .2 | .1 | | | | | | | | | | | | | 63 | 63 | 89 | 80 | | | | | | | | | | | | | |
| / 61 | .4 | 4.3 | 1.7 | .4 | | | | | | | | | | | | | | 55 | 55 | 64 | 95 | | | | | | | | | | | | | |
| / 59 | .6 | 3.2 | 2.0 | .7 | | | | | | | | | | | | | | 53 | 53 | 57 | 69 | | | | | | | | | | | | | |
| 5 / 57 | .4 | 3.9 | 3.0 | .7 | | | | | | | | | | | | | | 64 | 64 | 5 | 42 | | | | | | | | | | | | | |
| 5 / 55 | | 3.7 | 3.5 | 1.0 | | | | | | | | | | | | | | 66 | 66 | 53 | 43 | | | | | | | | | | | | | |
| 4 / 53 | .9 | 2.5 | 2.0 | .7 | | | | | | | | | | | | | | 49 | 49 | 68 | 59 | | | | | | | | | | | | | |
| 2 / 51 | .5 | 2.8 | 1.0 | .1 | | | | | | | | | | | | | | 36 | 36 | 57 | 50 | | | | | | | | | | | | | |
| 5 / 49 | | 2.0 | 2.2 | | | | | | | | | | | | | | | 34 | 34 | 37 | 59 | | | | | | | | | | | | | |
| 4 / 47 | | 1.1 | 1.0 | | | | | | | | | | | | | | | 17 | 17 | 34 | 39 | | | | | | | | | | | | | |
| 4 / 45 | | .9 | | | | | | | | | | | | | | | | 7 | 7 | 23 | 35 | | | | | | | | | | | | | |
| 4 / 43 | | .9 | | | | | | | | | | | | | | | | 7 | 7 | 13 | 20 | | | | | | | | | | | | | |
| 4 / 41 | | .5 | .1 | | | | | | | | | | | | | | | 5 | 5 | 5 | 25 | | | | | | | | | | | | | |
| 4 / 39 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 2 | 6 | | | | | | | | | | | | | |
| 3 / 37 | | | | | | | | | | | | | | | | | | | | 3 | 1 | | | | | | | | | | | | | |
| 3 / 35 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| 3 / 33 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| TOTAL | 3.64 | 9.63 | 9.2 | 7.4 | .9 | .4 | | | | | | | | | | | | 809 | 809 | 809 | 809 | | | | | | | | | | | | | |

| Element (X) | ΣX^2 | ΣX | \bar{X} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum. | 5965781 | 69329 | 85.7 | 7.420 | 809 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 3139174 | 50008 | 61.8 | 7.695 | 809 | | | 30.9 | 3.7 | | | 90 |
| Wet Bulb | 2885322 | 47928 | 59.2 | 7.537 | 809 | | | 16.4 | .3 | | | 90 |
| Dew Point | 2724756 | 46504 | 57.5 | 7.988 | 809 | | | 11.7 | | | | 90 |

PSYCHROMETRIC SUMMARY

73-31

350

STATION

STATION NAME

YEARS

MONTH

PAGE 3

700-1210

HOURS: L. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

746710 STATION FT CAMPBELL KY STATION NAME

73-31

YEARS

SEP
MONTH

PAGE 1 127C-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

| | |
|---------|----------------|
| 74671 | FT CAMPBELL KY |
| STATION | STATION NAME |

73-81

YEARS

SEP
MONTH

PAGE 2 120-1460
HOURS 11.5.1

[illegible]

PSYCHROMETRIC SUMMARY

73-81

350
MONTH

PAGE 1 1570-1700
HOURS 15.1

[illegible]

ALL VARIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)
JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

73-81

YEARS

SEP
MONTH

PAGE 2 1500-1700
HOURS L. S. T. I

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

746712
STATION

FT CAMPBELL KY
STATION NAME

73-81
YEARS

SEP
MONTH

PAGE 1 1800-2300
HOURS (L. S. Y.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | |
|--------------|-------------------------------------|------|------|------|------|------|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 7 / 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 8 / 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | | |
| 8 / 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | | |
| 9 / 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | | |
| 9 / 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | 24 | | |
| 10 / 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | | |
| 10 / 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 43 | 43 | | |
| 11 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 46 | 48 | 5 | |
| 11 / 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 63 | 63 | 9 | 5 |
| 12 / 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 51 | 81 | 31 | 8 |
| 12 / 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 77 | 77 | 69 | 16 |
| 1 / 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 74 | 74 | 117 | 48 |
| 1 / 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 80 | 101 | 82 |
| 1 / 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 60 | 92 | 106 |
| 1 / 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 53 | 53 | 74 | 96 |
| 2 / 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 42 | 42 | 66 | 71 |
| 2 / 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | 56 | 57 |
| 3 / 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | 24 | 54 | 54 |
| 3 / 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | 49 | 55 |
| 4 / 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 16 | 31 | 48 |
| 4 / 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | 13 | 20 | 52 |
| 5 / 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 20 | 39 |
| 5 / 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 4 | 28 |
| 6 / 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 19 |
| 6 / 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 8 |
| 7 / 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| 7 / 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| 8 / 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 1.0 | 13.1 | 22.5 | 20.7 | 19.6 | 11.2 | 6.5 | 3.0 | 1.2 | .6 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | 810 | 810 | 810 | |

| Element (X) | ΣX | ΣX^2 | \bar{X} | σ^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|------------|--------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 4289321 | 57921 | 71.5 | 13.5 | 810 | ± 0 F | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F | Total |
| Dry Bulb | 4015311 | 56659 | 69.9 | 8.2 | 810 | | | 61.7 | 36.7 | 17.1 | | 93 |
| Wet Bulb | 3326795 | 51623 | 63.7 | 6.7 | 810 | | | 37.1 | 5.2 | | | 93 |
| Dew Point | 2948398 | 48480 | 59.9 | 7.6 | 810 | | | 18.0 | 1.6 | | | 93 |

USAFETAC FORM 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

746717 FT CAMPBELL KY

73-81

YEARS

SEP
MONTH

PAGE 1 210-2300
HOURS 11.5.10

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------------------|----------|-----------|-----|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 82/ 81 | | | | .1 | | | .5 | | | | | | | | | | | 5 | 5 | | | | | | | | | | | | | | | | |
| 77/ 79 | | | | .5 | .2 | 1.0 | | | | | | | | | | | | 14 | 14 | | | | | | | | | | | | | | | | |
| 77/ 77 | | | .5 | .7 | 1.4 | .2 | .1 | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 76/ 75 | | .6 | .6 | 1.2 | .9 | .1 | .2 | | | | | | | | | | | 32 | 32 | 4 | | | | | | | | | | | | | | | |
| 74/ 73 | | 1.1 | 3.1 | 3.8 | 1.1 | .2 | | | | | | | | | | | | 76 | 76 | 13 | | | | | | | | | | | | | | | |
| 73/ 71 | | 2.3 | 3.8 | 3.1 | .2 | .2 | | | | | | | | | | | | 79 | 79 | 36 | | | | | | | | | | | | | | | |
| 70/ 69 | | 3.2 | 4.7 | 1.5 | .1 | | .1 | | | | | | | | | | | 75 | 78 | 99 | | | | | | | | | | | | | | | |
| 67/ 67 | .2 | 2.7 | 3.3 | 2.6 | .6 | | .1 | | | | | | | | | | | 78 | 78 | 98 | | | | | | | | | | | | | | | |
| 66/ 65 | .1 | 3.3 | 2.7 | 2.1 | 1.0 | .2 | | | | | | | | | | | | 77 | 77 | 89 | | | | | | | | | | | | | | | |
| 64/ 63 | .5 | 4.4 | 1.4 | 2.2 | .7 | | | | | | | | | | | | | 75 | 75 | 81 | | | | | | | | | | | | | | | |
| 62/ 61 | .2 | 2.7 | 1.5 | 2.5 | .7 | .2 | | | | | | | | | | | | 64 | 64 | 74 | | | | | | | | | | | | | | | |
| 61/ 59 | | 1.6 | 3.5 | .6 | .4 | | | | | | | | | | | | | 49 | 49 | 52 | | | | | | | | | | | | | | | |
| 60/ 57 | | 2.5 | 3.3 | .5 | .6 | | | | | | | | | | | | | 56 | 56 | 61 | | | | | | | | | | | | | | | |
| 56/ 55 | .1 | 1.6 | 1.4 | .4 | .2 | | | | | | | | | | | | | 70 | 32 | 75 | | | | | | | | | | | | | | | |
| 47/ 53 | .1 | 1.6 | 1.1 | .2 | | | | | | | | | | | | | | 25 | 25 | 43 | | | | | | | | | | | | | | | |
| 42/ 51 | .1 | .5 | .7 | | | | | | | | | | | | | | | 11 | 11 | 73 | | | | | | | | | | | | | | | |
| 57/ 49 | | 1.5 | .6 | .1 | | | | | | | | | | | | | | 18 | 18 | 23 | | | | | | | | | | | | | | | |
| 44/ 47 | | 1.4 | .7 | .1 | | | | | | | | | | | | | | 18 | 18 | 27 | | | | | | | | | | | | | | | |
| 41/ 45 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 12 | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | |
| 41/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1.5 | 31.2 | 33.2 | 22.3 | 8.3 | 2.3 | 1.1 | | | | | | | | | | | | 810 | | 810 | | | | | | | | | | | | | | |

| Element (X) | Σ X ² | Σ X | X̄ | S _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|------------------|-------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 5392114 | 65026 | 80.3 | 10.061 | 810 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 3502478 | 52910 | 65.3 | 7.569 | 810 | | | 42.7 | 16.6 | 1.5 | | 90 |
| Wet Bulb | 3173714 | 49814 | 61.5 | 7.050 | 810 | | | 26.7 | 1.9 | | | 90 |
| Dew Point | 2862715 | 47759 | 59.0 | 7.633 | 810 | | | 14.1 | .8 | | | 90 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74671 FT CAMPBELL KY

73-81

SEP
MONTH

STATION

STATION NAME

YEARS

PAGE 1

ALL
HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 97/ 97 | | | | | | | | | | | | | | | | | | 5 | 5 | | | | | | | | | | | | | | | | |
| 96/ 94 | | | | | | | | | | | | | | | | | | 14 | 14 | | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | | | | | | | | | | | 26 | 26 | | | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | | | | | | | | | | | 48 | 48 | | | | | | | | | | | | | | | | |
| 91/ 89 | | | | | | | | | | | | | | | | | | 76 | 76 | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | | 99 | 99 | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | 161 | 161 | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | | | | | | | | 195 | 195 | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | 226 | 226 | | | | | | | | | | | | | | | | |
| 81/ 79 | | | | | | | | | | | | | | | | | | 314 | 314 | 22 | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | 314 | 314 | 5 | 5 | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | 330 | 330 | 172 | 35 | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | 466 | 466 | 328 | 76 | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | 563 | 563 | 475 | 140 | | | | | | | | | | | | | | |
| 71/ 69 | | | | | | | | | | | | | | | | | | 616 | 616 | 712 | 308 | | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | 578 | 578 | 615 | 607 | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | 465 | 465 | 634 | 747 | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | 470 | 470 | 670 | 680 | | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | 371 | 736 | 472 | 607 | | | | | | | | | | | | | | |
| 61/ 59 | | | | | | | | | | | | | | | | | | 311 | 711 | 425 | 408 | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | 267 | 767 | 411 | 399 | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | 228 | 728 | 337 | 401 | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | 179 | 779 | 326 | 397 | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | 139 | 739 | 263 | 437 | | | | | | | | | | | | | | |
| 51/ 49 | | | | | | | | | | | | | | | | | | 98 | 698 | 161 | 357 | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | 59 | 59 | 118 | 224 | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | 18 | 18 | 77 | 201 | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | 17 | 17 | 35 | 108 | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | 8 | 8 | 13 | 83 | | | | | | | | | | | | | | |
| 41/ 39 | | | | | | | | | | | | | | | | | | 3 | 3 | 7 | 43 | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 4 | 22 | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 16 | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ^2 | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|---------|----------------|
| 74671 | FT CAMPBELL KY |
| STATION | STATION NAME |

PSYCHROMETRIC SUMMARY

| | |
|---------|----------------|
| 74671 | FT CAMPBELL KY |
| STATION | STATION NAME |

YEARS

250

PAGE 1 ALL
NOJAS 11 5

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

74571 FT CAMPBELL KY
STATION STATION NAME

73-81

YEARS

OFF
MONTH

PAGE 1 7070-200
HOURS 1 5 10

| Temp (F) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb Dew Point |
|-------------|-----|-----|-----|-----|------|-----|-----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----------------------------|-----------------------------|
| 47/7 | | | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 9 |
| 47/7 | | | .2 | .4 | | | | .2 | .3 | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 |
| 47/69 | | | .2 | .2 | .2 | | | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 |
| 47/67 | | | .2 | .2 | .4 | | | .4 | .4 | | | | | | | | | | | | | | | | | | | | | | | | 34 | 34 |
| 47/67 | | | 1.0 | 1.1 | .6 | | | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/53 | | | 2.9 | 1.1 | .7 | | | .1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/61 | | | 2.7 | 1.3 | .6 | | | .1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/59 | | .1 | 2.7 | 1.6 | 2.3 | | | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/57 | | .4 | 1.1 | 2.7 | 1.3 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/55 | | | 2.8 | 1.7 | 1.2 | | | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/5 | | | 1.9 | 2.7 | 1.7 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/54 | | .1 | 2.8 | 1.7 | 1.7 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/47 | | .1 | 1.6 | 3.9 | 1.6 | .7 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/47 | | .1 | 2.8 | 2.7 | 1.3 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/47 | | .1 | 1.7 | 1.7 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/42 | | | 1.1 | 3.7 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/41 | | | 2.7 | 2.7 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/41 | | | 2.8 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/37 | | | 1.7 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/37 | | | 1.7 | 1.2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/33 | | | .1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/33 | | | .1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/34 | | .1 | .5 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/27 | | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/25 | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 47/19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| TOTAL | 1.2 | 3.0 | 4.3 | 7.3 | 13.9 | 6.3 | 1.7 | .2 | | | | | | | | | | | | | | | | | | | | | | | | 637 | 637 | |

| Element (X) | Z ₁ | Z ₂ | X | s _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|----------------|----------------|--------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 5236832 | 45558 | 78.311 | 40 | 837 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 5233757 | 42907 | 51.3 | 9.419 | 837 | | 1.0 | 4.2 | | | | 93 |
| Wet Bulb | 1993578 | 47126 | 47.9 | 9.113 | 837 | | 2.0 | 1.2 | | | | 93 |
| Dew Point | 1745619 | 37291 | 44.5 | 10.035 | 837 | | 10.4 | .6 | | | | 93 |

FORM 0-26-5 (OL 4) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

1407. FT CAMPBELL KY
STATION STATION NAME

73-81

YEARS

203

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

[illegible]

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04871 FT CAMPBELL KY
STATION STATION NAME

73-01

YEARS

001
MONTH

PAGE 1 0600-1800
HOURS L.S.T.

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-------------|-------------------------------------|-----|-----|-----|------|-----|----|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 47/71 | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | | | |
| 47/71 | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 7 | 3 | | |
| 47/71 | | | | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | | | |
| 47/69 | | | .1 | .2 | .6 | | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 4 | | |
| 47/67 | | | .5 | .6 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 19 | 3 | 4 | |
| 47/65 | | | .5 | .7 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 20 | 13 | 5 | |
| 47/61 | | 1.2 | 1.8 | 1.2 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 | 34 | 18 | 7 | |
| 47/59 | .4 | 2.7 | 1.2 | .5 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44 | 44 | 32 | 12 | |
| 47/57 | | 2.5 | 2.2 | 1.7 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 55 | 53 | 27 | |
| 47/57 | .1 | 2.6 | 2.2 | 1.7 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 73 | 73 | 43 | 54 | |
| 47/55 | .1 | 2.2 | 1.7 | 1.1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 63 | 43 | 61 | 49 | |
| 47/53 | | 1.2 | 2.6 | 1.9 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 46 | 44 | |
| 47/51 | | 2.2 | 3.2 | .5 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 54 | 54 | 41 | 43 | |
| 47/49 | | 2.7 | 3.3 | 1.9 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 70 | 70 | 71 | 39 | |
| 47/47 | | 2.9 | 3.5 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 46 | 66 | 63 | 57 | |
| 47/45 | .1 | 4.5 | 1.2 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 52 | 52 | 64 | 63 | |
| 47/43 | .1 | 2.9 | 2.2 | 1.1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 | 59 | 74 | 61 | |
| 47/41 | | 3. | 1.4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 74 | 59 | 57 | 50 | |
| 47/39 | | 3.3 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 43 | 43 | 44 | 66 | |
| 47/37 | .1 | 1.9 | .7 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | 24 | 50 | 58 | |
| 47/35 | | 2.2 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | 24 | 27 | 59 | |
| 47/33 | .1 | 1.3 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 25 | 40 | |
| 47/31 | | .4 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 1 | 15 | 36 | |
| 47/29 | .1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 11 | 20 | |
| 47/27 | .1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 4 | 10 | |
| 47/25 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 8 | |
| 47/23 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 3 | |
| 47/21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 5 |
| 47/19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| TOTAL | 1.3 | 4.2 | 9.3 | 4.3 | 16.0 | 4.7 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | 837 | 427 | 837 | | |

| Element (X) | Z _X | Z _X | X | % | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------|----------------|----------------|------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|
| Rel. Hum. | 839.55 | 6664 | 79.6 | 10.52 | 837 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F |
| Dry Bulb | 2257149 | 427.7 | 51.7 | 9.664 | 837 | | 2.1 | 4.9 | .6 | | 6.6 |
| Wet Bulb | 1991369 | 427.7 | 47.6 | 9.17 | 837 | | 2.9 | 1.1 | .1 | | 4.1 |
| Dew Point | 1760328 | 37494 | 44.6 | 9.859 | 837 | | 9.4 | .8 | | | 10.2 |

FORM 0-26.5 (OL A) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
NOV 64

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7467.1 ST CAMPBELL KY

73-81

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1 790-11-2
HOURS S. Y.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B.-W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | Dew Point | |
|--------------|-------------------------------------|-----|-----|------|------|------|------|------|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------|-------------------|-------------------|-----------|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | | | | 31 |
| 4/ 61 | | | | | | | | | | | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | 3 | 7 | | |
| 5/ 61 | | | | | | | | | | | | | | | | | | .1 | | | | | | | | | | | | | | | 2 | 7 | | |
| 6/ 70 | | | | | | | | | | | | .2 | .8 | .6 | .7 | | | | | | | | | | | | | | | | | | 30 | 20 | | |
| 7/ 77 | | | | | .1 | .1 | .2 | .4 | .7 | .1 | .2 | | | | | | | | | | | | | | | | | | | | | 14 | 14 | | | |
| 8/ 76 | | | | | .1 | .2 | 1.0 | 1.2 | .8 | .7 | .2 | | | | | | | | | | | | | | | | | | | | | 36 | 36 | | | |
| 9/ 73 | | | .1 | | .6 | .4 | .7 | 1.3 | .5 | .6 | | | | | | | | | | | | | | | | | | | | | | 35 | 35 | 4 | | |
| 10/ 71 | | | .4 | .6 | .8 | 1.2 | 1.2 | .7 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | 45 | 45 | 7 | 3 | |
| 11/ 69 | | .1 | .4 | .4 | 1.7 | 1.4 | 1.6 | .2 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | 13 | 2 | |
| 12/ 67 | | .7 | .6 | .7 | 1.3 | 1.1 | 1.2 | .4 | .4 | | | | | | | | | | | | | | | | | | | | | | | 63 | 53 | 77 | 7 | |
| 13/ 65 | .1 | .4 | .2 | 1.8 | 1.4 | 1.4 | 1.1 | .2 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | 62 | 62 | 44 | 19 | |
| 14/ 62 | .1 | .6 | .8 | 1.1 | 1.9 | .8 | .6 | .6 | | | | | | | | | | | | | | | | | | | | | | | | 67 | 57 | 71 | 23 | |
| 15/ 61 | | .6 | .6 | 1.2 | 1.4 | 1.1 | 1.3 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | 56 | 56 | 52 | 30 | |
| 16/ 59 | | 1.7 | .6 | 1.7 | 1.7 | 2.5 | .6 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 73 | 73 | 75 | 40 | |
| 17/ 57 | | 1.2 | 1.1 | 1.3 | 1.3 | 2.2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 61 | 61 | 64 | 43 | |
| 18/ 55 | | .4 | .7 | 2.1 | 1.4 | 1.7 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 54 | 54 | 66 | 51 | |
| 19/ 50 | | .7 | .6 | 1.7 | 1.9 | .6 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 51 | 51 | 60 | 54 | |
| 20/ 51 | | .7 | 1.7 | .8 | 1.9 | 1.7 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 51 | 51 | 64 | 52 | |
| 21/ 46 | | 1.2 | 1.2 | 1.1 | 1.2 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | 45 | 45 | 75 | 57 | |
| 22/ 47 | | .4 | 1.2 | 1.7 | .6 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 71 | 31 | 8 | 52 | |
| 23/ 45 | | .4 | .7 | .7 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | 57 | 64 | |
| 24/ 43 | | .1 | .2 | .6 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | 37 | 52 | |
| 25/ 41 | | | .2 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 30 | 55 | |
| 26/ 39 | | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 14 | 54 | |
| 27/ 37 | | | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 7 | 56 | |
| 28/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 42 | |
| 29/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 32 | |
| 30/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 11 | |
| 31/ 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | |
| 32/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | |
| 33/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | |
| 34/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| TOTAL | | | 9.2 | 11.6 | 18.6 | 27.5 | 19.0 | 12.7 | 5.0 | 2.5 | .5 | | | | | | | | | | | | | | | | | | | | | 837 | 937 | 937 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 837 | | 937 | |

| Element (X) | Z _X | Z _X | X | ° _X | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|----------------|----------------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 334.691 | 51359 | 61.4 | 15.46 | 837 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | 3231279 | 51421 | 61.4 | 9.296 | 837 | | | 29.1 | 12.6 | 1.7 | | 93 |
| Wet Bulb | 2486976 | 45126 | 53.9 | 8.188 | 837 | | .2 | 6.8 | .4 | | | 93 |
| Dew Point | 1954332 | 39578 | 47.3 | 9.956 | 837 | | 5.4 | 1.3 | | | | 93 |

USAFETAC FORM 0-26-5 (OLA) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

746710 FT CAMPBELL KY

73-81

DOY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1270-1400
HOURS L S T

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|------------|----|-----------|-----|------------|-----|----------|-----|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--------------------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point |
| 67 / 93 | | | | | | | | | | | | | | | | | .8 | .1 | .2 | | | | | | | | | | | | | | 13 | 17 | |
| 64 / 92 | | | | | | | | | | | | | | | .1 | .6 | | .7 | .2 | | | | | | | | | | | | | | 15 | 15 | |
| 61 / 91 | | | | | | | | | | | | | | | 1.2 | 1.7 | | .6 | .4 | | | | | | | | | | | | | | 18 | 9 | |
| 58 / 79 | | | | | | | .4 | .1 | .2 | 1.2 | 1.1 | | .2 | 1.2 | | | .1 | | | | | | | | | | | | | | | | 26 | 38 | |
| 55 / 77 | | | | | .1 | | | .2 | .4 | 1.4 | | .7 | 1.9 | | | | .7 | .1 | | | | | | | | | | | | | | | | 30 | |
| 52 / 75 | | | | | | | | .5 | .1 | .5 | 1.6 | 2.1 | | .5 | .2 | | | | | | | | | | | | | | | | | | | 43 | 48 |
| 49 / 73 | | | | | .2 | | .1 | .2 | 1.1 | 1.2 | 1.7 | 1.2 | | .6 | .1 | | | | | | | | | | | | | | | | | | | 59 | 59 |
| 46 / 71 | | | | .2 | .6 | 1.1 | .5 | 1.2 | 1.9 | 1.7 | 1.1 | | .2 | | | | | | | | | | | | | | | | | | | | | 74 | 74 |
| 43 / 69 | | | .2 | .6 | .5 | .5 | 1.6 | .4 | 1.3 | .8 | .3 | | | | | | | | | | | | | | | | | | | | | | | 88 | 88 |
| 40 / 67 | | .7 | .4 | .7 | .7 | .7 | .7 | .7 | 1.1 | 1.0 | .4 | | | | | | | | | | | | | | | | | | | | | | | 93 | 93 |
| 36 / 65 | | .2 | .4 | .7 | .5 | 1.3 | 1.6 | 1.6 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | 97 | 97 |
| 34 / 63 | | .4 | .6 | .5 | .5 | 1.2 | 1.7 | 1.6 | .7 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 96 | 96 |
| 32 / 61 | | .5 | .4 | .1 | .1 | .7 | .3 | 1.2 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | 89 | 39 |
| 30 / 59 | | .5 | .8 | .1 | .2 | 1.4 | 2.2 | 1.0 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 94 | 54 |
| 28 / 57 | | 1.1 | .1 | .1 | 1.1 | 1.2 | .2 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | 42 | 42 |
| 26 / 55 | | .4 | .6 | .4 | 1.2 | 1.4 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | 65 |
| 24 / 53 | | .7 | 1.2 | .5 | .5 | 2.5 | 1.1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 54 | 54 |
| 22 / 51 | | 1.1 | .4 | | 1.8 | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | 27 |
| 20 / 49 | | .4 | .7 | .1 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 |
| 18 / 47 | | .5 | .5 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 |
| 16 / 45 | | | .4 | .4 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 |
| 14 / 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| 12 / 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 / 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 / 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 / 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 / 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 / 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 / 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 / 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 / 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 / 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 / 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 / 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | Total | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A) JAN 64

USAFETAC

PSYCHROMETRIC SUMMARY

73-41

YEARS

C-7
2000 T 04

PAGE 2 1400-1400
HOURS 11:51

[illegible]

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

DET
MONTH

PAGE 1 1570-1700
HOURS 15.5.11

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|-------------|-------------------------------------|----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|----|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 47 51 | | | | | | | | | | | | | | | | .1 | .1 | .1 | | | | | | | | | | | | | | | 3 | 7 | | | | |
| 47 53 | | | | | | | | | | | | | | | | .7 | .4 | | | | | | | | | | | | | | | | 12 | 12 | | | | |
| 47 54 | | | | | | | | | | | | | | | | .5 | .5 | .5 | .1 | | | | | | | | | | | | | | 16 | 16 | | | | |
| 47 55 | | | | | | | .2 | .1 | .1 | .5 | 1.1 | 1.1 | .4 | .8 | .1 | | | | | | | | | | | | | | | | | | 35 | 35 | | | | |
| 47 57 | | | | | | .1 | | | | | | 1.3 | .7 | 1.2 | 1.0 | .1 | | | | | | | | | | | | | | | | | | 38 | 38 | | | |
| 47 58 | | | | .1 | | .1 | | | | 1.2 | .7 | 1.4 | 1.4 | .6 | .4 | | | | | | | | | | | | | | | | | | | 53 | 53 | | | |
| 47 59 | | | | .5 | | | | | 1.1 | 1.7 | 1.3 | 1.7 | .4 | .2 | | | | | | | | | | | | | | | | | | | | 57 | 57 | | 4 | |
| 47 60 | | | | .4 | | .6 | | .5 | 3.2 | 1.7 | 1.7 | .8 | .2 | | | | | | | | | | | | | | | | | | | | | 78 | 78 | | 10 | |
| 47 61 | | | .6 | .2 | | .5 | | .4 | 1.2 | 1.2 | 1.1 | 1.3 | .7 | .4 | | | | | | | | | | | | | | | | | | | | 61 | 61 | | 15 | |
| 47 62 | | .1 | .5 | .6 | 1.0 | 1.2 | 1.2 | .6 | .4 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | 50 | 50 | | 36 | |
| 47 63 | | .8 | .5 | .2 | 1.7 | .7 | 1.3 | 2.2 | 1.1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 70 | 70 | | 43 | |
| 47 64 | | .7 | .1 | .1 | 1.4 | 1.7 | 1.2 | 1.4 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | 52 | 52 | | 52 | |
| 47 65 | | .1 | .4 | .2 | .6 | 1.3 | 1.7 | 1.2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 46 | 46 | | 63 | |
| 47 66 | | .5 | 1.1 | .2 | .2 | .8 | 2.4 | 1.0 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | 54 | 54 | | 75 | |
| 47 67 | | .7 | .7 | .5 | .7 | 1.7 | 1.5 | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | 44 | 44 | | 73 | |
| 47 68 | | .7 | .6 | .7 | 1.7 | 1.6 | 1.6 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 52 | 52 | | 69 | |
| 47 69 | | .7 | .6 | .2 | .7 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 73 | 73 | | 67 | |
| 47 70 | | .7 | .6 | .2 | .7 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 39 | 39 | | 61 | |
| 47 71 | | .4 | .7 | .5 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 50 | | 72 | |
| 47 72 | | .6 | .7 | .6 | .5 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 50 | | 59 | |
| 47 73 | | .1 | .4 | | | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | | 42 | |
| 47 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | 61 |
| 47 75 | | | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | 16 | |
| 47 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | |
| 47 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| 47 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 101 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 102 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 103 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 104 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 106 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 107 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 108 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 109 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 111 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 112 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 113 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 114 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 115 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 116 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 117 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 118 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 119 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 121 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 122 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 123 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 124 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

OC 1
MON 5

PAGE 1500-1700

[illegible]

PSYCHROMETRIC SUMMARY

73-61

YEARS

OCT
MONTH

PAGE 1 12 9-2000
HOURS 11:51

[illegible]

PSYCHROMETRIC SUMMARY

73-31

YEARS

502
M. 10. 10

PAGE 2100-2300
HOURS 5.17

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

OCT
MONTH

PAGE 1

ALL
HOURS 5.5.1

[illegible]

PSYCHROMETRIC SUMMARY

74671 FT CAMPBELL KY
STATION STATION NAME

73-31

YEARS

307
MCN 74

PAGE 1

ALL
HOURS - S. T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|------|----------|----------|-----------|------|--|--|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 1 / 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| TOTAL | .724.0.2.715.511.2.3.57.3.9.9.3.41.4.4. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6696 | | | 6596 | | | 6696 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

746717 21 CAMPBELL KY

72-31

YEARS

NOV
MONTH

PAGE 1 7010-0200
HOURS 11:30

[illegible]

PSYCHROMETRIC SUMMARY

73-31

YEARS

MON

PAGE 2

[illegible]

U.S. AIR FORCE
CLIMATE BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

045717 FT CAMPBELL KY
STATION STATION NAME

73-81

YEARS

NO.
OF

| Temp. (F) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb Dew Point |
|--------------|---|---|----|-----|----|-----|---|-----|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------------------------|-----------------------------|
| 67 | | | | | | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| 68 | | | | .2 | | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| 69 | | | | .4 | | .9 | | 1.4 | | | .4 | | | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| 70 | | | | .7 | | 1.1 | | .7 | | .3 | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 |
| 71 | | | | 1.7 | | 1.4 | | .8 | | .1 | | .1 | | | | | | | | | | | | | | | | | | | | | 31 | 31 |
| 72 | | | | 1.1 | | 1.1 | | .9 | | .2 | | .2 | | | | | | | | | | | | | | | | | | | | | 32 | 32 |
| 73 | | | | .9 | | 1.5 | | .2 | | .4 | | | | | | | | | | | | | | | | | | | | | | | 33 | 33 |
| 74 | | | | 1.1 | | 1.1 | | .4 | | .4 | | | | | | | | | | | | | | | | | | | | | | | 34 | 34 |
| 75 | | | | 1.7 | | 1.2 | | .1 | | .4 | | .2 | | | | | | | | | | | | | | | | | | | | | 35 | 35 |
| 76 | | | | .6 | | 1.6 | | .9 | | .1 | | .1 | | | | | | | | | | | | | | | | | | | | | 36 | 36 |
| 77 | | | .1 | 2.3 | | 1.1 | | .6 | | .2 | | | | | | | | | | | | | | | | | | | | | | | 37 | 37 |
| 78 | | | .4 | 2.6 | | 2.2 | | .7 | | .1 | | | | | | | | | | | | | | | | | | | | | | | 38 | 38 |
| 79 | | | .4 | 2.2 | | 3.1 | | 1.1 | | .4 | | | | | | | | | | | | | | | | | | | | | | | 39 | 39 |
| 80 | | | .1 | 2.3 | | 2.7 | | 1.6 | | .1 | | | | | | | | | | | | | | | | | | | | | | | 40 | 40 |
| 81 | | | .5 | 1.3 | | 4.3 | | .7 | | .2 | | | | | | | | | | | | | | | | | | | | | | | 41 | 41 |
| 82 | | | .4 | 3.8 | | 3.5 | | 1.2 | | .2 | | | | | | | | | | | | | | | | | | | | | | | 42 | 42 |
| 83 | | | | 1.1 | | 1.9 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 43 | 43 |
| 84 | | | .1 | 2.7 | | 1.4 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 44 | 44 |
| 85 | | | .1 | 3.8 | | 2.6 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 45 | 45 |
| 86 | | | .1 | 2.3 | | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 46 | 46 |
| 87 | | | | 1.9 | | .5 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 |
| 88 | | | .1 | 1.1 | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 48 | 48 |
| 89 | | | .3 | | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | 49 |
| 90 | | | .1 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 50 |
| 91 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 51 | 51 |
| 92 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 52 | 52 |
| 93 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 53 | 53 |
| 94 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 54 | 54 |
| 95 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 55 |
| 96 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 56 | 56 |
| 97 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 57 | 57 |
| 98 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 58 | 58 |
| 99 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 | 59 |
| 100 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 60 |
| 101 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 61 | 61 |
| 102 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | 62 |
| 103 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 63 | 63 |
| 104 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 64 | 64 |
| 105 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 65 | 65 |
| 106 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 66 | 66 |
| 107 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 67 | 67 |
| 108 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 68 | 68 |
| 109 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 69 | 69 |
| 110 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 70 | 70 |
| 111 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 | 71 |
| 112 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 72 | 72 |
| 113 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 73 | 73 |
| 114 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 74 | 74 |
| 115 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

JOINTAL METEOROLOGICAL BRANCH
METEOROLOGICAL
AIR STATION SERVICE/MAST

PSYCHROMETRIC SUMMARY

7467 STATION NAME
STATION NAME

73-61

YEARS

NOV
UNIT

100-100
HOURS

| Temp F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. Dry Bulb | | | | TOTAL Wet Bulb Dew Point | | | |
|-----------|-------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------------------------|--|--|--|-----------------------------|--|--|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | | | | |
| 1 / 67 | | | | | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 68 | | | | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 69 | | | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 70 | | | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 71 | | | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 72 | | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 73 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 74 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 75 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 76 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 77 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 78 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 79 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 80 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 81 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 82 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | |
| 1 / 83 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | |
| 1 / 84 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | |
| 1 / 85 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | |
| 1 / 86 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | |
| 1 / 87 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | |
| 1 / 88 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | |
| 1 / 89 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | |
| 1 / 90 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | |
| 1 / 91 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | |
| 1 / 92 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | |
| 1 / 93 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | |
| 1 / 94 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | |
| 1 / 95 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | |
| 1 / 96 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | |
| 1 / 97 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | . | | | | | | | | | | | |

FORM 0 26.5 (OL A) REVISED WITHOUT NOTICE OF THIS PUBLICATION

USAFETAC

PSYCHROMETRIC SUMMARY

73-01

STAY ON

STATION NAME

YEARS

Y.

255

ГЛАВНОЕ

100

HQJMS

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

42

PAGE 2 100-1100
HOURS 3.30

| Temp (F) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | * 31 | TOTAL D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | |
|-------------|-----------------|----------------|--------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---------------|------|----------|----------|-----------|--|
| TOTAL | | .7 | 1.9 | .4 | 2.5 | .4 | 2.1 | .7 | 1.5 | .8 | 9.4 | 5.4 | 1.2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Z _{x'} | Z _x | X̄ | s _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 7761493 | 53722 | 56.315 | .603 | 810 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 7163252 | 43686 | 57.511 | .780 | 810 | | 8.4 | 6.8 | 1.2 | | | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 1732638 | 36544 | 45.111 | .185 | 810 | | | .1 | | | | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 1345445 | 31555 | 39.111 | .983 | 810 | | 37.3 | | | | | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

73-81

STATION

STATION NAME

YEARS

NOV
MONTH

PAGE 1 1400-1400
HOURS 13.00

[illegible]

USAFETAC 0-26-5 (OLA) FORM JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| | |
|---------|----------------|
| 1467 | ST CAMPBELL AV |
| STATION | STATION NAME |

YEARS

73-51

ACU
MAY 1968

DA 55 14-14,0

[illegible]

7407. FT CAMPBELL KY
STATION STATION NAME

PSYCHROMETRIC SUMMARY

PAGE 1 1500-1700
HOURS U.S.T.

[illegible]

PSYCHROMETRIC SUMMARY

74671 FT CAMPBELL KY

73-81

MCJ
MEN'S

STATION

STATION NAME

YEARS

PAGE 5

150-170
HOURS 5

[illegible]

PSYCHROMETRIC SUMMARY

504

YEARS

14-00000-00000

HOURS 5.00

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

NOV
MON 11

PAGE 1 107-2242
HOURS 3.5

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | |
|--------------|-------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------|----------|-----------|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | .27.627.025.216.7 6.4 2.5 .7 .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 51 | 61 | |

| Element (X) | Σ x² | Σ x | Σ | Σ² | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|---------|-------|--------|------|----------|------------------------------------|------|------|------|------|------|-------|
| Rel. Hum. | 3827576 | 54868 | 67.114 | .84 | 81 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | 9 |
| Dry Bulb | 1995317 | 39772 | 48.510 | .649 | 81 | | 4.4 | 3.0 | | | | 9 |
| Wet Bulb | 1616818 | 35252 | 43.517 | .106 | 81 | | 12.4 | .1 | | | | 9 |
| Dew Point | 1255649 | 22772 | 37.511 | .989 | 81 | | 33.4 | .1 | | | | 9 |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

246740 FT CAMPBELL KY
STATION STATION NAME

73-81

YEARS

NOV
MONTH

PAGE 2170-2100
HOURS 57

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb Dew Point |
|--------------|-------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------------------------|-----------------------------|
| 67 | | | | | | | | | | | | | | | | | | 14 | 14 |
| 66 | | | | | | | | | | | | | | | | | | 25 | 25 |
| 65 | | | | | | | | | | | | | | | | | | 22 | 22 |
| 64 | | | | | | | | | | | | | | | | | | 30 | 30 |
| 63 | | | | | | | | | | | | | | | | | | 32 | 32 |
| 62 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 61 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 60 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 59 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 58 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 57 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 56 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 55 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 54 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 53 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 52 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 51 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 50 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 49 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 48 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 47 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 46 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 45 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 44 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 43 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 42 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 41 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 40 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 39 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 38 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 37 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 36 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 35 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 34 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 33 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 32 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 31 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 30 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 29 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 28 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 27 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 26 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 25 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 24 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 23 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 22 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 21 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 20 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 19 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 18 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 17 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 16 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 15 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 14 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 13 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 12 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 11 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 10 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 9 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 8 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 7 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 6 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 5 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 4 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 3 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 2 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 1 | | | | | | | | | | | | | | | | | | 33 | 33 |
| 0 | | | | | | | | | | | | | | | | | | 33 | 33 |
| TOTAL | 0.125 | 7.33 | 6.23 | 4.9 | 3.3 | 1.7 | 1.2 | | | | | | | | | | | 81 | 81 |

| Element (X) | Z _x | Z _y | R | S _x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------|----------------|----------------|--------|----------------|----------|------------------------------------|------|------|------|------|-------|
| Rel. Hum. | 4322.97 | 58225 | 71.913 | 58 | 81 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F |
| Dry Bulb | 1776293 | 16911 | 45.617 | 796 | 81 | | 4.6 | 1.4 | | | |
| Wet Bulb | 1493895 | 33751 | 41.710 | 404 | 81 | | 18.9 | | | | |
| Dew Point | 126615 | 29735 | 36.712 | 539 | 81 | | 37.4 | | | | |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

NO. 1

PAGE 1 ALL
HOURS 15

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74671 FT CAMPBELL KY 73-81

YEARS

NO.

MONTH

PAGE 1 ALL

HOURS

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | |
|-------------|-------------------------------------|-------|-------|-------|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------|----------|----------|-----------|----|----|----|--|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | De- Point | | | | | |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 / 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 / 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 / 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 / 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 / 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 / 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 / 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 / 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 / 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 / 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1.427 | 3.329 | 0.017 | 0.217 | 1.1 | 6.2 | 4.7 | 2.5 | 1.0 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 64 | 54 | 64 | 48 | | |

| Element (X) | Σx | Σx^2 | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|------------|--------------|-----------|-------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | |
| Rel. Hum. | 32140214 | 443460 | 68.516 | 5.5 | 648 | | | | | | | |
| Dry Bulb | 15913332 | 311650 | 48.111 | 8.71 | 648 | | 63.8 | 49.6 | 1.0 | .0 | .0 | 72 |
| Wet Bulb | 12334359 | 279991 | 42.210 | 6.65 | 648 | | 114.4 | 1.4 | | | | 72 |
| Dew Point | 15502253 | 242121 | 37.412 | 1.44 | 648 | | 781.7 | .1 | | | | 72 |

PSYCHROMETRIC SUMMARY

٧٣-٥١

YEARS

14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849.

244

[illegible][illegible]

PSYCHROMETRIC SUMMARY

7674 ST CAMPBELL KY
STATION STATION NAME

- 3 - 21

YEARS

ز

F 2 2 1

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

[illegible]

PSYCHROMETRIC SUMMARY

73-51

YEARS

۷۱۵

DATE: 11-1-54
HOURS: 5:00

| Temp F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-----------|-------------------------------------|-----|-----|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| - / - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 11.5 | 4.4 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFFETAC FORM 0265 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 746710 FT CAMPBELL KY
STATION NAME

73-61

YEARS

DEF
MONTH

PAGE 1 0610-1800
HOURS

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. Dry Bulb | | TOTAL Wet Bulb Dew Point | |
|-------------|-------------------------------------|----|-----|-----|-----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------------------------|----|-----------------------------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | | |
| 67 / 61 | | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | |
| 67 / 60 | | | | .4 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | | |
| 67 / 59 | | | | | .4 | | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | | | |
| 67 / 57 | | | | | .5 | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | | | |
| 57 / 55 | | .5 | | | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | | | |
| 47 / 53 | | | .8 | | .4 | .1 | | | | .2 | | | | | | | | | | | | | | | | | | | | | | | 13 | 13 | | | |
| 47 / 51 | | | .7 | 1.4 | | .2 | | | | .5 | | | | | | | | | | | | | | | | | | | | | | | 24 | 24 | | | |
| 47 / 49 | | | .5 | .3 | | .8 | | | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | | | |
| 47 / 47 | | .2 | 1.2 | .5 | | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 23 | | | |
| 47 / 45 | | .4 | 2.4 | .7 | | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | 36 | | | |
| 47 / 43 | | | 1.8 | .7 | | .2 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | | | |
| 37 / 41 | | | 1.3 | 1.7 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | 30 | | | |
| 37 / 39 | | | 2.3 | 2.9 | .7 | | | | | .2 | | | | | | | | | | | | | | | | | | | | | | | 49 | 49 | | | |
| 37 / 37 | | .1 | 3.4 | 3.7 | .5 | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | 66 | 66 | | | |
| 37 / 35 | | .4 | 2.9 | 2.7 | .6 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | 58 | 58 | | | |
| 37 / 33 | 1 | | 2.3 | 2.2 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 65 | 65 | | | |
| 37 / 31 | | .4 | 6.3 | 3.8 | | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 92 | 92 | | | |
| 37 / 29 | | .5 | 3.8 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 58 | 58 | | | |
| 37 / 27 | | .2 | 3.8 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 | | | |
| 37 / 25 | | .1 | 5.1 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 | 71 | | | |
| 37 / 23 | | .4 | 2.6 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 32 | 32 | | | |
| 37 / 21 | | .2 | 2.6 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 | 26 | | | |
| 37 / 19 | | | 2.7 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 | 26 | | | |
| 37 / 17 | | .2 | 1.1 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 18 | | | |
| 37 / 15 | | .4 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | | | |
| 37 / 13 | | .1 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | | | |
| 37 / 11 | | .4 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | | | |
| 37 / 9 | | | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 9 | | | |
| 37 / 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 / 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 / 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 / 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 / 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Σ x' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | | |
| Σ x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| Σ x² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 14 | | |
| Σ x³ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 4 | | |
| Element | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel Hum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26.5 (OL A) 1-1-60 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DATE _____
HOURS _____

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | | | |
|-------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|---------------|----------|----------|-----------|-----|--|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. Wet Bulb | Dry Bulb | Wet Bulb | Dew Point | | | |
| 70.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | | |
| 71.3 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | | | |
| 72.3 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | | | | |
| 73.3 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | | | | | |
| 74.3 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | | | | | | |
| 75.3 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | | | | | | | |
| 76.3 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | | | | | | | | |
| 77.3 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | | | | | | | | | |
| 78.3 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | | | | | | | | | | |
| 79.3 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | | | | | | | | | | | |
| 80.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | | | | | | | | | | | | |
| 81.3 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | | | | | | | | | | | | | |
| 82.3 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | | | | | | | | | | | | | | |
| 83.3 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | | | | | | | | | | | | | | | |
| 84.3 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

73-61

YEARS

UFC
MCA

PAGE 1 09-11-20
HOURS 11:00

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-------------|-------------------------------------|-----|-----|-----|-----|----|----|----|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 67 / 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 65 | | | | | .1 | .4 | | .1 | | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 63 | | | .7 | .1 | .1 | .1 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 61 | | | .2 | .2 | .2 | .1 | | | | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 59 | | | .6 | .1 | .1 | .5 | .1 | .2 | | | | | .2 | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 57 | .1 | | .8 | .1 | .6 | .2 | .2 | | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 55 | .1 | .4 | .4 | .2 | .5 | .1 | .1 | | | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 53 | | .4 | 1.1 | .2 | .2 | | | | | | | | .5 | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 51 | | .2 | 1.1 | .5 | .4 | .9 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 49 | | .4 | .5 | 1.6 | .1 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 47 | .7 | 1.9 | .7 | .8 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 45 | | .5 | 1.7 | 1.6 | .8 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 43 | | 1.9 | 1.7 | 2.4 | 1.4 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 41 | | .7 | 2.7 | 2.3 | .5 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 39 | .1 | 1.8 | 3.3 | 1.1 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 37 | .7 | 3.9 | 3.1 | 1.7 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 35 | .5 | 2.7 | 4.3 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 33 | .1 | 2.6 | 2.5 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 31 | .1 | 2.9 | 3.5 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 29 | | 2.3 | 2.3 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 27 | | 1.5 | 1.3 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 25 | .7 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 23 | | .6 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 21 | | .5 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 19 | | 1.1 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 17 | | .6 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 15 | | .5 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 13 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 11 | | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 9 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 7 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 5 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 3 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 1 | | | | | | | | | | | | | | | | | | | | | | | </ | | | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 74671 FT CAMPBELL KY
STATION NAME

73-81

YEARS

DATE
MONTH

PAGE 1 067-111 0
HOURS

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| / -1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 0 | 02 | 33 | 45 | 19 | 68 | 07 | 35 | 11 | 07 | 04 | | | | | | | 877 | 837 | 877 | 837 | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------|-------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|
| Rel. Hum. | 432655 | 58748 | 69.414 | .705 | 837 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F |
| Dry Bulb | 1138537 | 32756 | 39.110 | .688 | 837 | | 27.3 | | | | |
| Wet Bulb | 1135177 | 29667 | 35.417 | .503 | 837 | | 35.1 | | | | |
| Dew Point | 845758 | 24666 | 29.511 | .889 | 837 | .4 | 58.9 | | | | |

PSYCHROMETRIC SUMMARY

7407.7 FT CAMPBELL KY
STATION STATION NAME

73-81

YEARS

DE C
MONT

PAGE 1

1200-1700
HOURS - S.T.

[illegible]

PSYCHROMETRIC SUMMARY

73-51

UFC
MONTH

57A' 24

STATION NAME

YEARS

F A - 5 8

1573-1007
HOURS .. S. T.

| Temp F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-----------|-------------------------------------|-----|-----|---|-----|----|-----|----|-----|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 57 / 57 | | | .1 | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 57 / 57 | | | .2 | | | .1 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| 57 / 57 | | | .4 | | .4 | .2 | | | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | 5 | |
| 57 / 57 | .4 | 1.1 | .2 | | .5 | | .1 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | |
| 57 / 57 | | .1 | 1.7 | | 1.1 | | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | |
| 57 / 57 | | .1 | .7 | | .2 | | .4 | | .1 | | .5 | | | | | | | | | | | | | | | | | | | | | | | | | 11 | |
| 47 / 52 | | .6 | .4 | | 1.3 | | .4 | | .1 | | .7 | | | | | | | | | | | | | | | | | | | | | | | | | 13 | |
| 47 / 52 | | .6 | .2 | | .5 | | .7 | | 1.1 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 15 | |
| 47 / 47 | | .5 | 1.7 | | .6 | | 1.7 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | |
| 47 / 47 | | .4 | .6 | | .7 | | 1.7 | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | |
| 47 / 47 | | 1.4 | 1.4 | | .7 | | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | |
| 47 / 47 | | 1.1 | .7 | | 1.4 | | 1.7 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 | |
| 47 / 47 | | 1.7 | 1.7 | | 1.3 | | .6 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 25 | |
| 47 / 47 | .5 | 2.3 | 4.2 | | 1.7 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | |
| 47 / 47 | | 2.3 | 4.5 | | 1.4 | | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 | |
| 47 / 47 | .1 | 1.4 | 3.1 | | 1.2 | | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | |
| 47 / 47 | | 2.5 | 3.7 | | 1.9 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 33 | |
| 47 / 47 | .1 | 2.9 | 3.5 | | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | |
| 47 / 47 | | 1.7 | 1.8 | | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 37 | |
| 47 / 47 | | 1.3 | 1.7 | | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 39 | |
| 47 / 47 | | 1.9 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 41 | |
| 47 / 27 | .1 | 1.7 | 1.7 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 43 | |
| 47 / 27 | | .6 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 45 | |
| 47 / 27 | .1 | .4 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | |
| 47 / 17 | | .7 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| 47 / 17 | | .1 | .4 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 51 | |
| 47 / 17 | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 53 | |
| 47 / 17 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | |
| 47 / 7 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 57 | |
| 47 / 7 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 | |
| 47 / 7 | | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 61 | |
| 47 / 7 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 63 | |
| 47 / 7 | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 65 | |
| 47 / 7 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 67 | |
| 47 / 7 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 69 | |
| 47 / 7 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 | |
| 47 / 7 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 73 | |
| 47 / 7 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 75 | |
| 47 / 7 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

467 FT CAMPBELL KY

STATION

STATION NAME

73-21

342

4-11-20

DATE: 10-1-77
HOURS: 10:00

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------|----------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1.23 | 1.37 | 1.51 | 1.65 | 1.79 | 1.93 | 2.07 | 2.21 | 2.35 | 2.49 | 2.63 | 2.77 | 2.91 | 3.05 | 3.19 | 3.33 | 3.47 | 3.61 | 3.75 | 3.89 | 4.03 | 4.17 | 4.31 | 4.45 | 4.59 | 4.73 | 4.87 | 5.01 | 5.15 | 5.29 | 5.43 | 5.57 | 5.71 | 5.85 | 5.99 | 6.13 | 6.27 | 6.41 | 6.55 | 6.69 | 6.83 | 6.97 | 7.11 | 7.25 | 7.39 | 7.53 | 7.67 | 7.81 | 7.95 | 8.09 | 8.23 | 8.37 | 8.51 | 8.65 | 8.79 | 8.93 | 9.07 | 9.21 | 9.35 | 9.49 | 9.63 | 9.77 | 9.91 | 10.05 | 10.19 | 10.33 | 10.47 | 10.61 | 10.75 | 10.89 | 11.03 | 11.17 | 11.31 | 11.45 | 11.59 | 11.73 | 11.87 | 12.01 | 12.15 | 12.29 | 12.43 | 12.57 | 12.71 | 12.85 | 12.99 | 13.13 | 13.27 | 13.41 | 13.55 | 13.69 | 13.83 | 13.97 | 14.11 | 14.25 | 14.39 | 14.53 | 14.67 | 14.81 | 14.95 | 15.09 | 15.23 | 15.37 | 15.51 | 15.65 | 15.79 | 15.93 | 16.07 | 16.21 | 16.35 | 16.49 | 16.63 | 16.77 | 16.91 | 17.05 | 17.19 | 17.33 | 17.47 | 17.61 | 17.75 | 17.89 | 18.03 | 18.17 | 18.31 | 18.45 | 18.59 | 18.73 | 18.87 | 19.01 | 19.15 | 19.29 | 19.43 | 19.57 | 19.71 | 19.85 | 19.99 | 20.13 | 20.27 | 20.41 | 20.55 | 20.69 | 20.83 | 20.97 | 21.11 | 21.25 | 21.39 | 21.53 | 21.67 | 21.81 | 21.95 | 22.09 | 22.23 | 22.37 | 22.51 | 22.65 | 22.79 | 22.93 | 23.07 | 23.21 | 23.35 | 23.49 | 23.63 | 23.77 | 23.91 | 24.05 | 24.19 | 24.33 | 24.47 | 24.61 | 24.75 | 24.89 | 25.03 | 25.17 | 25.31 | 25.45 | 25.59 | 25.73 | 25.87 | 26.01 | 26.15 | 26.29 | 26.43 | 26.57 | 26.71 | 26.85 | 26.99 | 27.13 | 27.27 | 27.41 | 27.55 | 27.69 | 27.83 | 27.97 | 28.11 | 28.25 | 28.39 | 28.53 | 28.67 | 28.81 | 28.95 | 29.09 | 29.23 | 29.37 | 29.51 | 29.65 | 29.79 | 29.93 | 30.07 | 30.21 | 30.35 | 30.49 | 30.63 | 30.77 | 30.91 | 31.05 | 31.19 | 31.33 | 31.47 | 31.61 | 31.75 | 31.89 | 32.03 | 32.17 | 32.31 | 32.45 | 32.59 | 32.73 | 32.87 | 33.01 | 33.15 | 33.29 | 33.43 | 33.57 | 33.71 | 33.85 | 33.99 | 34.13 | 34.27 | 34.41 | 34.55 | 34.69 | 34.83 | 34.97 | 35.11 | 35.25 | 35.39 | 35.53 | 35.67 | 35.81 | 35.95 | 36.09 | 36.23 | 36.37 | 36.51 | 36.65 | 36.79 | 36.93 | 37.07 | 37.21 | 37.35 | 37.49 | 37.63 | 37.77 | 37.91 | 38.05 | 38.19 | 38.33 | 38.47 | 38.61 | 38.75 | 38.89 | 39.03 | 39.17 | 39.31 | 39.45 | 39.59 | 39.73 | 39.87 | 40.01 | 40.15 | 40.29 | 40.43 | 40.57 | 40.71 | 40.85 | 40.99 | 41.13 | 41.27 | 41.41 | 41.55 | 41.69 | 41.83 | 41.97 | 42.11 | 42.25 | 42.39 | 42.53 | 42.67 | 42.81 | 42.95 | 43.09 | 43.23 | 43.37 | 43.51 | 43.65 | 43.79 | 43.93 | 44.07 | 44.21 | 44.35 | 44.49 | 44.63 | 44.77 | 44.91 | 45.05 | 45.19 | 45.33 | 45.47 | 45.61 | 45.75 | 45.89 | 46.03 | 46.17 | 46.31 | 46.45 | 46.59 | 46.73 | 46.87 | 47.01 | 47.15 | 47.29 | 47.43 | 47.57 | 47.71 | 47.85 | 47.99 | 48.13 | 48.27 | 48.41 | 48.55 | 48.69 | 48.83 | 48.97 | 49.11 | 49.25 | 49.39 | 49.53 | 49.67 | 49.81 | 49.95 | 50.09 | 50.23 | 50.37 | 50.51 | 50.65 | 50.79 | 50.93 | 51.07 | 51.21 | 51.35 | 51.49 | 51.63 | 51.77 | 51.91 | 52.05 | 52.19 | 52.33 | 52.47 | 52.61 | 52.75 | 52.89 | 53.03 | 53.17 | 53.31 | 53.45 | 53.59 | 53.73 | 53.87 | 54.01 | 54.15 | 54.29 | 54.43 | 54. |

PSYCHROMETRIC SUMMARY

056
M-574

10-2-21

[illegible]

PSYCHROMETRIC SUMMARY

'j-5'

YEARS

2000

ALL
MAY 1965

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

070
MAY 1968

PAGE 2 ALL
HOURS 10 11

[illegible]

PSYCHROMETRIC SUMMARY

1447. FT CAMPBELL KY
STATION STATION NAME

-3-5!

YEARS

ALL
MAY

FAULT ALL
HOURS

[illegible]

| | |
|---------|----------------|
| 74671 | PT CAMPBELL NY |
| STATION | STATION NAME |

CLASS

211

ALL

USAFETAC 0265 (CL A) REVISED PREVIOUS EDITIONS OF THIS ACHEM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-51

YEARS

ALL
MGT

DECEMBER 1977

ALL

ALL
HOURS . . . S. T.

[illegible]

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

746710 FT CAMPBELL KY

73-81

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| MEAN | 30.2 | 33.3 | 45.1 | 52.8 | 59.3 | 67.6 | 71.8 | 70.0 | 63.3 | 51.3 | 44.4 | 35.5 | 52.1 |
| STDEV | 12.697 | 13.073 | 11.431 | 9.200 | 7.260 | 5.934 | 4.397 | 4.566 | 7.623 | 9.419 | 11.139 | 10.947 | 16.855 |
| TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 837 | 9861 |
| MEAN | 29.1 | 32.2 | 43.5 | 50.8 | 57.4 | 65.8 | 70.1 | 68.3 | 61.8 | 49.5 | 43.2 | 34.4 | 50.5 |
| STDEV | 13.059 | 13.274 | 11.602 | 9.547 | 7.659 | 6.266 | 4.534 | 4.745 | 7.695 | 9.667 | 11.093 | 11.095 | 16.763 |
| TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 809 | 837 | 810 | 837 | 9860 |
| MEAN | 28.7 | 32.3 | 43.9 | 53.5 | 61.6 | 70.6 | 74.1 | 71.3 | 64.0 | 51.0 | 43.4 | 34.0 | 52.5 |
| STDEV | 13.334 | 13.382 | 11.648 | 9.540 | 7.641 | 6.174 | 5.114 | 5.165 | 7.782 | 9.664 | 10.990 | 11.017 | 18.160 |
| TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 837 | 9861 |
| MEAN | 33.0 | 38.3 | 50.8 | 61.7 | 69.4 | 78.6 | 82.1 | 80.1 | 73.1 | 61.4 | 50.5 | 39.2 | 59.9 |
| STDEV | 13.084 | 13.554 | 12.054 | 10.208 | 7.978 | 6.231 | 5.621 | 5.652 | 8.327 | 9.296 | 11.089 | 10.658 | 19.286 |
| TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 837 | 9861 |
| MEAN | 37.1 | 43.3 | 55.6 | 65.8 | 72.9 | 82.2 | 85.6 | 84.0 | 77.6 | 66.5 | 55.1 | 43.8 | 64.2 |
| STDEV | 13.250 | 14.109 | 12.643 | 10.640 | 8.216 | 6.281 | 6.047 | 5.794 | 8.589 | 9.598 | 11.771 | 11.160 | 19.201 |
| TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 837 | 9861 |
| MEAN | 37.3 | 44.0 | 56.3 | 66.0 | 72.9 | 81.7 | 85.5 | 83.6 | 77.1 | 65.5 | 54.1 | 43.2 | 64.0 |
| STDEV | 12.791 | 13.643 | 12.455 | 10.470 | 7.926 | 6.524 | 5.931 | 5.908 | 8.580 | 9.403 | 11.464 | 10.979 | 18.959 |
| TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 837 | 9861 |
| MEAN | 33.6 | 39.1 | 51.3 | 60.5 | 67.6 | 76.2 | 80.1 | 77.3 | 69.9 | 57.4 | 48.5 | 38.8 | 58.5 |
| STDEV | 12.110 | 12.513 | 11.447 | 9.536 | 7.370 | 6.135 | 5.475 | 5.434 | 8.021 | 8.736 | 10.649 | 10.535 | 18.093 |
| TOTAL OBS | 836 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 834 | 9857 |
| MEAN | 31.3 | 35.8 | 47.6 | 55.6 | 62.4 | 70.6 | 74.5 | 72.4 | 65.3 | 53.4 | 45.6 | 36.7 | 54.3 |
| STDEV | 12.435 | 12.625 | 11.171 | 8.905 | 6.825 | 5.597 | 4.306 | 4.487 | 7.569 | 8.914 | 10.796 | 10.758 | 17.055 |
| TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 834 | 9858 |
| MEAN | 32.5 | 37.3 | 49.3 | 58.3 | 65.4 | 74.2 | 78.0 | 75.9 | 69.0 | 57.0 | 48.1 | 38.2 | 57.0 |
| STDEV | 13.218 | 13.991 | 12.722 | 11.254 | 9.478 | 8.549 | 7.770 | 7.828 | 9.970 | 11.275 | 11.971 | 11.457 | 18.767 |
| TOTAL OBS | 6695 | 6096 | 6696 | 6480 | 6696 | 6480 | 6696 | 6696 | 6479 | 6696 | 6480 | 6690 | 78880 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

146710 FT CAMPBELL KY

73-81

| STATION NAME | | YEARS | | | | | | | | | | | | |
|--------------|-----------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| HR | MIN | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| 0-5 | MEAN | 28.0 | 30.4 | 41.2 | 47.9 | 55.7 | 63.9 | 68.4 | 66.9 | 60.3 | 47.9 | 40.9 | 32.6 | 48.8 |
| | S.D. | 12.172 | 12.029 | 10.676 | 8.588 | 7.459 | 6.014 | 4.183 | 4.326 | 7.359 | 9.113 | 10.684 | 10.280 | 16.403 |
| | TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 837 | 9861 |
| 6-15 | MEAN | 27.2 | 29.6 | 40.1 | 46.6 | 54.4 | 62.7 | 67.2 | 65.7 | 59.2 | 46.7 | 40.2 | 31.9 | 47.7 |
| | S.D. | 12.665 | 12.187 | 10.972 | 9.033 | 7.903 | 6.313 | 4.343 | 4.540 | 7.537 | 9.300 | 10.624 | 10.509 | 16.418 |
| | TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 809 | 837 | 810 | 837 | 9860 |
| 16-25 | MEAN | 27.0 | 29.7 | 40.5 | 48.6 | 57.5 | 65.7 | 69.8 | 67.9 | 60.8 | 47.9 | 40.4 | 31.6 | 49.1 |
| | S.D. | 12.953 | 12.345 | 10.954 | 9.040 | 7.664 | 5.878 | 4.246 | 4.515 | 7.395 | 9.170 | 10.610 | 10.548 | 17.315 |
| | TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 837 | 9861 |
| 26-35 | MEAN | 30.3 | 34.1 | 44.7 | 53.1 | 61.3 | 68.9 | 73.2 | 71.9 | 65.4 | 53.9 | 45.1 | 35.4 | 53.2 |
| | S.D. | 12.589 | 11.935 | 10.491 | 8.737 | 7.365 | 5.641 | 4.111 | 4.086 | 6.807 | 8.188 | 10.185 | 10.003 | 17.018 |
| | TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 837 | 9861 |
| 36-45 | MEAN | 33.0 | 37.1 | 47.0 | 54.7 | 62.6 | 69.8 | 73.9 | 72.7 | 66.7 | 55.8 | 47.3 | 38.3 | 55.0 |
| | S.D. | 12.119 | 11.672 | 10.111 | 8.328 | 6.967 | 5.496 | 4.063 | 3.947 | 6.547 | 7.994 | 10.063 | 9.900 | 16.221 |
| | TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 837 | 9861 |
| 46-55 | MEAN | 33.0 | 37.5 | 47.2 | 54.7 | 62.4 | 69.4 | 73.6 | 72.3 | 66.2 | 55.1 | 46.6 | 37.8 | 54.7 |
| | S.D. | 11.494 | 11.308 | 9.843 | 8.054 | 6.757 | 5.324 | 3.961 | 3.829 | 6.429 | 7.939 | 9.954 | 9.842 | 15.998 |
| | TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 837 | 9861 |
| 56-65 | MEAN | 30.5 | 34.6 | 44.8 | 52.3 | 60.4 | 67.9 | 72.3 | 70.5 | 63.7 | 51.5 | 43.5 | 35.0 | 52.4 |
| | S.D. | 11.412 | 11.221 | 9.839 | 7.972 | 7.007 | 5.459 | 4.090 | 3.994 | 6.740 | 8.288 | 10.106 | 9.943 | 16.409 |
| | TOTAL OBS | 836 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 834 | 9857 |
| 66-75 | MEAN | 28.8 | 32.4 | 42.8 | 49.9 | 57.8 | 65.7 | 70.0 | 68.4 | 61.5 | 49.2 | 41.7 | 33.5 | 50.2 |
| | S.D. | 11.831 | 11.588 | 10.151 | 8.256 | 7.160 | 5.711 | 4.021 | 4.089 | 7.050 | 8.573 | 10.404 | 10.085 | 16.375 |
| | TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 834 | 9858 |
| 76-85 | MEAN | 29.7 | 33.2 | 43.6 | 51.0 | 59.0 | 66.7 | 71.0 | 69.5 | 63.0 | 51.0 | 43.2 | 34.5 | 51.4 |
| | S.D. | 12.361 | 12.149 | 10.714 | 9.002 | 7.842 | 6.255 | 4.763 | 4.851 | 7.493 | 9.209 | 10.665 | 10.415 | 16.732 |
| | TOTAL OBS | 6695 | 6096 | 6696 | 6480 | 6696 | 6480 | 6696 | 6696 | 6479 | 6696 | 6480 | 6690 | 78880 |
| A. HOURS | | | | | | | | | | | | | | |

USAFETAC FORM 0 895 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

746710 FT CAMPBELL KY

73-81

| PERIOD | MEAN | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0-02 | 23.1 | 25.0 | 36.2 | 42.9 | 52.8 | 61.5 | 66.5 | 65.2 | 58.3 | 44.6 | 36.5 | 27.6 | 45.1 | |
| | 14.121 | 13.271 | 12.110 | 9.887 | 8.882 | 7.124 | 4.652 | 4.746 | 7.827 | 10.035 | 12.074 | 11.723 | 18.143 | |
| TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 837 | 9861 | |
| 03-05 | 22.6 | 24.4 | 35.6 | 42.1 | 51.9 | 60.6 | 65.6 | 64.3 | 57.5 | 43.7 | 36.0 | 27.1 | 44.4 | |
| | 14.677 | 13.351 | 12.332 | 10.282 | 9.143 | 7.302 | 4.696 | 4.912 | 7.988 | 10.079 | 11.967 | 11.954 | 18.117 | |
| TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 809 | 837 | 810 | 837 | 9860 | |
| 06-08 | 22.5 | 24.7 | 36.0 | 43.7 | 54.3 | 62.8 | 67.7 | 66.1 | 58.7 | 44.8 | 36.4 | 27.1 | 45.5 | |
| | 15.046 | 13.495 | 12.256 | 10.558 | 9.072 | 7.053 | 4.591 | 4.858 | 7.925 | 9.859 | 11.911 | 12.083 | 18.778 | |
| TOTAL OBS | 937 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 837 | 9861 | |
| 09-11 | 24.4 | 27.1 | 37.7 | 45.1 | 55.6 | 63.5 | 69.0 | 67.9 | 60.8 | 47.3 | 39.0 | 29.5 | 47.3 | |
| | 15.108 | 13.493 | 12.176 | 11.011 | 9.587 | 7.676 | 5.163 | 5.027 | 8.060 | 9.956 | 11.983 | 11.889 | 18.601 | |
| TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 837 | 9861 | |
| 12-14 | 25.4 | 27.7 | 37.5 | 44.8 | 55.5 | 63.0 | 68.4 | 67.1 | 60.1 | 46.7 | 38.8 | 30.1 | 47.2 | |
| | 14.782 | 13.485 | 12.230 | 10.929 | 9.469 | 7.938 | 5.454 | 5.380 | 8.361 | 10.549 | 12.407 | 12.180 | 18.271 | |
| TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 837 | 9861 | |
| 15-17 | 25.2 | 27.7 | 37.2 | 44.7 | 55.0 | 62.6 | 67.9 | 66.7 | 59.6 | 45.9 | 38.1 | 29.6 | 46.8 | |
| | 14.089 | 13.409 | 12.278 | 10.911 | 9.505 | 7.859 | 5.560 | 5.392 | 8.362 | 10.605 | 12.444 | 12.187 | 18.174 | |
| TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 837 | 9861 | |
| 18-20 | 24.3 | 27.1 | 37.3 | 44.7 | 55.1 | 63.1 | 68.4 | 67.1 | 59.9 | 45.9 | 37.5 | 28.9 | 46.7 | |
| | 13.835 | 13.250 | 11.708 | 10.087 | 9.302 | 7.574 | 5.178 | 4.885 | 7.604 | 9.933 | 11.989 | 11.906 | 18.297 | |
| TOTAL OBS | 836 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 834 | 9857 | |
| 21-23 | 23.4 | 26.3 | 36.9 | 44.2 | 54.3 | 62.7 | 67.7 | 66.2 | 59.0 | 45.1 | 36.7 | 28.1 | 46.0 | |
| | 13.989 | 13.229 | 11.680 | 9.891 | 8.887 | 7.103 | 4.648 | 4.659 | 7.603 | 9.765 | 12.039 | 11.701 | 18.227 | |
| TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 837 | 837 | 810 | 837 | 810 | 834 | 9858 | |
| ALL HOURS | 23.9 | 26.3 | 36.8 | 44.0 | 54.3 | 62.5 | 67.7 | 66.3 | 59.2 | 45.5 | 37.4 | 28.5 | 46.1 | |
| | 14.495 | 13.425 | 12.114 | 10.496 | 9.313 | 7.511 | 5.111 | 5.101 | 8.029 | 10.156 | 12.144 | 12.000 | 18.354 | |
| TOTAL OBS | 6695 | 6096 | 6696 | 6480 | 6696 | 6480 | 6696 | 6696 | 6479 | 6696 | 6480 | 6690 | 78880 | |

RELATIVE HUMIDITY

17-31

STATION

STATION NAME

PERIOD

MONTH

[illegible]**USAFETAC**FORM
NLS 0-4

0-87-5 (OL A)

OFFICE OF THE JUDGE ADVOCATE
GENERAL
U.S. AIR FORCE

RELATIVE HUMIDITY

STATION: FT CAMPBELL KY

PERIOD: 1964

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS |
|--------|----------------|--|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | |
| 1-1 | 1 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 1 |
| 1-2 | 2 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 2 |
| 1-3 | 3 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 3 |
| 1-4 | 4 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 4 |
| 1-5 | 5 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 5 |
| 1-6 | 6 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 6 |
| 1-7 | 7 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 7 |
| 1-8 | 8 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 8 |
| 1-9 | 9 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 9 |
| 1-10 | 10 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 10 |
| 1-11 | 11 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 11 |
| 1-12 | 12 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 12 |
| 1-13 | 13 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 13 |
| 1-14 | 14 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 14 |
| 1-15 | 15 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 15 |
| 1-16 | 16 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 16 |
| 1-17 | 17 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 17 |
| 1-18 | 18 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 18 |
| 1-19 | 19 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 19 |
| 1-20 | 20 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 20 |
| 1-21 | 21 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 21 |
| 1-22 | 22 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 22 |
| 1-23 | 23 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 23 |
| 1-24 | 24 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 24 |
| TOTALS | | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

1. NAME OF STATION:
 2. LOCATION:
 3. DATE OF OBSERVATION: / /

RELATIVE HUMIDITY

STATION: STATION NAME: PERIOD: MONTH:

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS |
|--------|----------------|--|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 1-1 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-2 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-3 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-4 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-5 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-6 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-7 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-8 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-9 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-10 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-11 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-12 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-13 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-14 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-15 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-16 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-17 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-18 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-19 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-20 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-21 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-22 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-23 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-24 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-25 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-26 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-27 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-28 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-29 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-30 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| 1-31 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 12 |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 365 |

1. 1.000.000.000 / 1000 = 1.000.000

STATION

STATION NAME

PERIOD

• • •

| MONTH | HOURS LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|-------|--------------|--|-----|-----|-----|-----|------|-----|-----|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN. | 1 | . | 1 | . | . | . | 6.4 | 5.0 | . | . | 1.7 | 1 |
| FEB. | 1 | . | 1 | . | . | . | 2.0 | 1.0 | 5.0 | 6.0 | 2.0 | 1 |
| MAR. | 1 | . | 1 | . | 1 | . | 2.0 | . | 2.0 | . | 1.0 | 1 |
| APR. | 1 | . | 1 | . | . | . | 11.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1 |
| MAY | 1 | . | 1 | . | . | . | 2.0 | . | 2.0 | . | 1.0 | 1 |
| JUN. | 1 | . | 1 | . | . | . | 2.0 | . | 2.0 | . | 1.0 | 1 |
| JULY | 1 | . | 1 | . | . | . | 2.0 | . | 2.0 | . | 1.0 | 1 |
| AUG. | 1 | . | 1 | . | . | . | 2.0 | . | 2.0 | . | 1.0 | 1 |
| SEP. | 1 | . | 1 | . | . | . | 2.0 | . | 2.0 | . | 1.0 | 1 |
| OCT. | 1 | . | 1 | . | . | . | 2.0 | . | 2.0 | . | 1.0 | 1 |
| NOV. | 1 | . | 1 | . | . | . | 2.0 | . | 2.0 | . | 1.0 | 1 |
| DEC. | 1 | . | 1 | . | . | . | 2.0 | . | 2.0 | . | 1.0 | 1 |
| TOTAL | 1 | . | 1 | . | . | . | 2.0 | . | 2.0 | . | 1.0 | 1 |

USAFETAC

POLYMER
11/15 4-6

0-87.5 (OL A)

| STATION | STATION NAME | PERIOD | WATER |
|---------|--------------|--------|-------|
|---------|--------------|--------|-------|

[illegible]

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

STATION

STATION NAME

PERIOD

MONTH¹

MONTH

HOURS
LAST

PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN

MEAN
RELATIVE
HUMIDITY

TOTAL
NO OF
OBSUSAFETAC

FORM
FBI 6-4

0-87-5 (OL A)

1
 1. ALBUQUERQUE BRANCH
 2. 10-11-64
 3. STATION 10-11-64

RELATIVE HUMIDITY

4. 10-11-64

5. 10-11-64

6. STATION

7. STATION NAME

8. PERIOD

9. MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS |
|--------|----------------|--|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 1-10 | 1-10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-11 | 1-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-12 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-13 | 1-13 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-14 | 1-14 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-15 | 1-15 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-16 | 1-16 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-17 | 1-17 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-18 | 1-18 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-19 | 1-19 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-20 | 1-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-21 | 1-21 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-22 | 1-22 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-23 | 1-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-24 | 1-24 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-25 | 1-25 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-26 | 1-26 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-27 | 1-27 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-28 | 1-28 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-29 | 1-29 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-30 | 1-30 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 1-31 | 1-31 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | |
| 1-1 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-2 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-3 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-4 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-5 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-6 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-7 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-8 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-9 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-10 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-11 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-12 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-13 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-14 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-15 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-16 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-17 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-18 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-19 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-20 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-21 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-22 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-23 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-24 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-25 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-26 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-27 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-28 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-29 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-30 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| 1-31 | 1-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 |
| TOTALS | | 100.0 | 99.9 | 99.7 | 99.4 | 98.9 | 98.1 | 97.4 | 96.7 | 96.0 | 95.3 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFSTAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION: ST. CAMEL KY

PERIOD: 17-18

STATION MONTH PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90 | |
| 1-2 | 1-2 | 100.0 | 100.0 | 100.0 | 99.4 | 98.5 | 97.8 | 97.1 | 96.4 | 95.7 | 72 |
| 3-4 | 3-4 | 100.0 | 100.0 | 100.0 | 99.4 | 97.5 | 97.2 | 96.7 | 96.0 | 95.3 | 72 |
| 5-6 | 5-6 | 100.0 | 100.0 | 100.0 | 99.4 | 98.3 | 97.7 | 97.1 | 96.4 | 95.7 | 72 |
| 7-8 | 7-8 | 100.0 | 100.0 | 99.4 | 97.7 | 96.1 | 94.9 | 94.4 | 93.7 | 93.0 | 72 |
| 9-10 | 9-10 | 100.0 | 100.0 | 98.7 | 96.2 | 94.7 | 93.8 | 93.1 | 92.4 | 91.7 | 72 |
| 11-12 | 11-12 | 100.0 | 100.0 | 98.6 | 97.2 | 95.7 | 94.8 | 94.1 | 93.4 | 92.7 | 72 |
| 13-14 | 13-14 | 100.0 | 100.0 | 100.0 | 98.3 | 96.7 | 95.6 | 94.9 | 94.2 | 93.5 | 72 |
| 15-16 | 15-16 | 100.0 | 100.0 | 100.0 | 99.3 | 97.3 | 97.6 | 97.1 | 96.4 | 95.7 | 72 |
| 17-18 | 17-18 | 100.0 | 100.0 | 100.0 | 99.3 | 97.3 | 97.6 | 97.1 | 96.4 | 95.7 | 72 |
| TOTALS | | 100.0 | 100.0 | 99.6 | 98.5 | 97.1 | 96.6 | 96.1 | 95.6 | 95.1 | 72 |

U.S. AIR FORCE
MEDICAL CENTER
WRIGHT PATTENSON AIR FORCE
WEATHER SERVICE

RELATIVE HUMIDITY

STATION ET CAMPBELL KY

1971

1971

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS |
|--------|----------------|--|-------|------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 99.9 | 99.1 | 96.4 | 92.7 | 85.3 | 75.3 | 63.4 | 51.5 | 41.5 | 100 |
| FEB | | 100.0 | 99.7 | 97.7 | 92.2 | 81.9 | 64.0 | 43.5 | 22.7 | 11.2 | 3.7 | 100 |
| MAR | | 100.0 | 99.1 | 95.3 | 86.1 | 75.1 | 61.4 | 41.9 | 24.7 | 11.4 | 3.1 | 100 |
| APR | | 100.0 | 99.9 | 95.5 | 84.5 | 71.7 | 55.4 | 33.7 | 15.9 | 6.7 | 1.5 | 100 |
| MAY | | 100.0 | 100.0 | 99.7 | 93.3 | 83.7 | 68.3 | 51.1 | 32.5 | 11.5 | 2.0 | 100 |
| JUN | | 100.0 | 100.0 | 99.9 | 93.8 | 82.3 | 66.8 | 48.7 | 32.0 | 16.0 | 3.0 | 100 |
| JUL | | 100.0 | 100.0 | 99.1 | 97.4 | 89.1 | 75.7 | 59.4 | 44.7 | 31.7 | 17.1 | 100 |
| AUG | | 100.0 | 100.0 | 99.9 | 97.7 | 90.7 | 77.0 | 63.2 | 48.3 | 33.5 | 18.1 | 100 |
| SEP | | 100.0 | 100.0 | 99.1 | 95.8 | 87.4 | 75.4 | 62.8 | 47.7 | 31.0 | 17.1 | 100 |
| OCT | | 100.0 | 100.0 | 97.5 | 91.0 | 81.7 | 66.7 | 49.1 | 35.7 | 23.0 | 10.0 | 100 |
| NOV | | 100.0 | 99.9 | 98.0 | 92.1 | 83.0 | 69.4 | 51.3 | 37.7 | 25.4 | 12.1 | 100 |
| DEC | | 100.0 | 100.0 | 99.5 | 95.5 | 87.7 | 77.0 | 61.3 | 47.5 | 33.7 | 18.1 | 100 |
| TOTALS | | 100.0 | 99.3 | 95.5 | 85.4 | 73.4 | 61.6 | 41.0 | 27.0 | 15.9 | 7.2 | 700 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

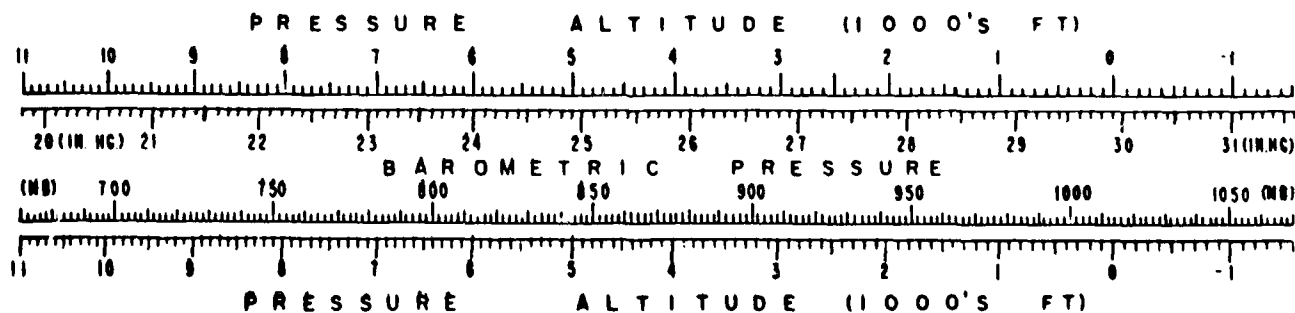
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibar to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

74671 FT CAMPBELL KY

73-81

| STATION | | YEARS | | | | | | | | | | | | |
|-----------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| HR | | AN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DE | ANNUAL |
| 0 | MEAN | 29.492 | 29.469 | 29.362 | 29.381 | 29.322 | 29.367 | 29.385 | 29.415 | 29.412 | 29.458 | 29.472 | 29.471 | 29.417 |
| | S.D. | .228 | .222 | .206 | .180 | .133 | .105 | .078 | .079 | .110 | .143 | .169 | .228 | .173 |
| | TOTAL OBS | 279 | 254 | 279 | 269 | 279 | 270 | 279 | 279 | 270 | 279 | 270 | 279 | 3286 |
| 3 | MEAN | 29.493 | 29.457 | 29.350 | 29.373 | 29.314 | 29.360 | 29.375 | 29.407 | 29.406 | 29.456 | 29.468 | 29.470 | 29.411 |
| | S.D. | .237 | .228 | .210 | .184 | .134 | .178 | .079 | .080 | .110 | .149 | .171 | .228 | .177 |
| | TOTAL OBS | 279 | 254 | 279 | 270 | 279 | 270 | 279 | 279 | 270 | 279 | 270 | 279 | 3287 |
| 6 | MEAN | 29.498 | 29.471 | 29.375 | 29.399 | 29.343 | 29.388 | 29.402 | 29.435 | 29.432 | 29.479 | 29.483 | 29.476 | 29.432 |
| | S.D. | .233 | .231 | .211 | .191 | .140 | .112 | .084 | .084 | .112 | .154 | .172 | .231 | .178 |
| | TOTAL OBS | 279 | 254 | 279 | 270 | 279 | 270 | 279 | 279 | 270 | 279 | 270 | 279 | 3287 |
| 9 | MEAN | 29.533 | 29.501 | 29.405 | 29.422 | 29.359 | 29.402 | 29.418 | 29.455 | 29.456 | 29.506 | 29.514 | 29.508 | 29.456 |
| | S.D. | .236 | .237 | .210 | .195 | .142 | .115 | .085 | .086 | .113 | .160 | .175 | .229 | .181 |
| | TOTAL OBS | 279 | 254 | 279 | 270 | 279 | 270 | 279 | 279 | 270 | 279 | 270 | 279 | 3287 |
| 12 | MEAN | 29.534 | 29.484 | 29.387 | 29.404 | 29.342 | 29.387 | 29.405 | 29.436 | 29.432 | 29.473 | 29.480 | 29.477 | 29.434 |
| | S.D. | .237 | .233 | .205 | .185 | .137 | .111 | .084 | .082 | .110 | .156 | .176 | .225 | .177 |
| | TOTAL OBS | 279 | 254 | 279 | 270 | 279 | 270 | 279 | 279 | 270 | 279 | 270 | 279 | 3287 |
| 15 | MEAN | 29.473 | 29.441 | 29.340 | 29.363 | 29.307 | 29.351 | 29.367 | 29.393 | 29.388 | 29.435 | 29.444 | 29.448 | 29.396 |
| | S.D. | .237 | .226 | .198 | .177 | .129 | .106 | .081 | .081 | .109 | .149 | .177 | .222 | .173 |
| | TOTAL OBS | 279 | 254 | 279 | 270 | 279 | 270 | 279 | 279 | 270 | 279 | 270 | 279 | 3287 |
| 18 | MEAN | 29.489 | 29.453 | 29.342 | 29.358 | 29.297 | 29.341 | 29.356 | 29.386 | 29.386 | 29.443 | 29.456 | 29.462 | 29.397 |
| | S.D. | .235 | .220 | .198 | .173 | .126 | .104 | .079 | .077 | .111 | .146 | .181 | .271 | .174 |
| | TOTAL OBS | 279 | 254 | 279 | 270 | 279 | 270 | 279 | 279 | 270 | 279 | 270 | 278 | 3286 |
| 21 | MEAN | 29.501 | 29.469 | 29.362 | 29.382 | 29.323 | 29.366 | 29.385 | 29.416 | 29.414 | 29.463 | 29.471 | 29.475 | 29.419 |
| | S.D. | .233 | .217 | .202 | .175 | .126 | .105 | .077 | .078 | .111 | .144 | .179 | .221 | .173 |
| | TOTAL OBS | 279 | 254 | 279 | 270 | 279 | 270 | 279 | 279 | 270 | 279 | 270 | 278 | 3286 |
| ALL HOURS | MEAN | 29.498 | 29.468 | 29.365 | 29.385 | 29.326 | 29.370 | 29.387 | 29.418 | 29.416 | 29.464 | 29.474 | 29.473 | 29.420 |
| | S.D. | .234 | .227 | .206 | .183 | .134 | .110 | .083 | .084 | .113 | .151 | .176 | .226 | .177 |
| | TOTAL OBS | 2232 | 2032 | 2232 | 2159 | 2232 | 2160 | 2232 | 2232 | 2160 | 2232 | 2160 | 2230 | 26293 |



USAFETAC FORM 0895 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

74671 FT CAMPBELL KY

73-81

| | | STATION NAME | | | | | | | | | | | | YEARS | |
|-----------|------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| MB | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | |
| 10 | MEAN | 1020.5 | 1019.6 | 1015.6 | 1016.1 | 1013.8 | 1015.2 | 1015.8 | 1016.9 | 1016.9 | 1018.8 | 1019.5 | 1019.7 | 1017.4 | |
| | S.D. | 8.118 | 7.924 | 7.262 | 6.268 | 4.579 | 3.744 | 2.754 | 2.812 | 3.881 | 5.063 | 5.979 | 8.124 | 6.198 | |
| | TOTAL OBS. | 279 | 254 | 279 | 270 | 279 | 270 | 278 | 279 | 270 | 279 | 270 | 279 | 3286 | |
| 11 | MEAN | 1020.6 | 1019.2 | 1015.2 | 1015.8 | 1013.6 | 1015.0 | 1015.4 | 1016.6 | 1016.7 | 1018.7 | 1019.3 | 1019.6 | 1017.1 | |
| | S.D. | 8.146 | 8.145 | 7.384 | 6.439 | 4.719 | 3.821 | 2.808 | 2.837 | 3.904 | 5.246 | 6.350 | 8.046 | 6.312 | |
| | TOTAL OBS. | 279 | 254 | 279 | 270 | 279 | 270 | 279 | 279 | 270 | 279 | 270 | 279 | 3287 | |
| 12 | MEAN | 1020.8 | 1019.7 | 1016.2 | 1016.8 | 1014.6 | 1016.0 | 1016.4 | 1017.6 | 1017.7 | 1019.6 | 1019.9 | 1019.9 | 1017.9 | |
| | S.D. | 8.259 | 8.212 | 7.420 | 6.681 | 4.914 | 3.970 | 2.952 | 2.945 | 3.947 | 5.416 | 6.130 | 8.145 | 6.335 | |
| | TOTAL OBS. | 279 | 254 | 279 | 270 | 279 | 270 | 279 | 279 | 270 | 279 | 270 | 279 | 3287 | |
| 13 | MEAN | 1022.0 | 1020.8 | 1017.2 | 1017.5 | 1015.2 | 1016.5 | 1017.0 | 1018.3 | 1018.5 | 1020.4 | 1021.0 | 1021.0 | 1018.8 | |
| | S.D. | 8.377 | 8.414 | 7.407 | 6.771 | 4.989 | 4.040 | 2.998 | 3.008 | 3.959 | 5.603 | 6.195 | 8.092 | 6.465 | |
| | TOTAL OBS. | 279 | 253 | 279 | 270 | 279 | 270 | 279 | 279 | 270 | 279 | 270 | 279 | 3286 | |
| 14 | MEAN | 1021.3 | 1020.1 | 1016.5 | 1016.9 | 1014.6 | 1015.9 | 1016.5 | 1017.6 | 1017.6 | 1019.3 | 1019.8 | 1019.9 | 1018.7 | |
| | S.D. | 8.385 | 8.274 | 7.198 | 6.481 | 4.793 | 3.904 | 2.984 | 2.899 | 3.880 | 5.517 | 6.222 | 7.976 | 6.301 | |
| | TOTAL OBS. | 279 | 254 | 279 | 270 | 279 | 270 | 279 | 279 | 270 | 279 | 270 | 278 | 3286 | |
| 15 | MEAN | 1019.9 | 1018.6 | 1014.8 | 1015.5 | 1013.3 | 1014.7 | 1015.2 | 1016.1 | 1016.1 | 1017.9 | 1018.5 | 1018.8 | 1016.6 | |
| | S.D. | 8.377 | 8.030 | 6.993 | 6.177 | 4.543 | 3.736 | 2.894 | 2.892 | 3.884 | 5.288 | 6.222 | 7.789 | 6.187 | |
| | TOTAL OBS. | 279 | 254 | 279 | 270 | 279 | 270 | 279 | 279 | 270 | 279 | 269 | 279 | 3286 | |
| 16 | MEAN | 1020.5 | 1019.1 | 1015.0 | 1015.3 | 1013.0 | 1014.4 | 1014.8 | 1015.9 | 1016.1 | 1018.4 | 1018.9 | 1019.4 | 1016.7 | |
| | S.D. | 8.313 | 7.819 | 6.988 | 6.060 | 4.423 | 3.685 | 2.816 | 2.785 | 3.955 | 5.163 | 6.369 | 7.771 | 6.253 | |
| | TOTAL OBS. | 279 | 254 | 278 | 270 | 279 | 270 | 279 | 278 | 270 | 279 | 270 | 278 | 3284 | |
| 17 | MEAN | 1020.9 | 1019.7 | 1015.7 | 1016.1 | 1013.9 | 1015.2 | 1015.8 | 1017.0 | 1017.0 | 1019.0 | 1019.5 | 1019.8 | 1017.5 | |
| | S.D. | 8.263 | 7.739 | 7.105 | 6.132 | 4.429 | 3.720 | 2.739 | 2.756 | 3.920 | 5.050 | 6.303 | 7.775 | 6.179 | |
| | TOTAL OBS. | 279 | 254 | 279 | 270 | 279 | 270 | 279 | 279 | 270 | 279 | 270 | 278 | 3286 | |
| ALL HOURS | MEAN | 1020.8 | 1019.6 | 1015.8 | 1016.2 | 1014.0 | 1015.4 | 1015.9 | 1017.0 | 1017.1 | 1019.0 | 1019.6 | 1019.8 | 1017.5 | |
| | S.D. | 8.287 | 8.082 | 7.249 | 6.411 | 4.720 | 3.882 | 2.945 | 2.961 | 3.985 | 5.337 | 6.211 | 7.961 | 6.314 | |
| | TOTAL OBS. | 2232 | 2031 | 2231 | 2160 | 2232 | 2160 | 2231 | 2231 | 2160 | 2232 | 2159 | 2229 | 26298 | |

USAFETAC FORM 0-89.5 (OLA)

END

DATE
FILMED

6 - 83

DTI